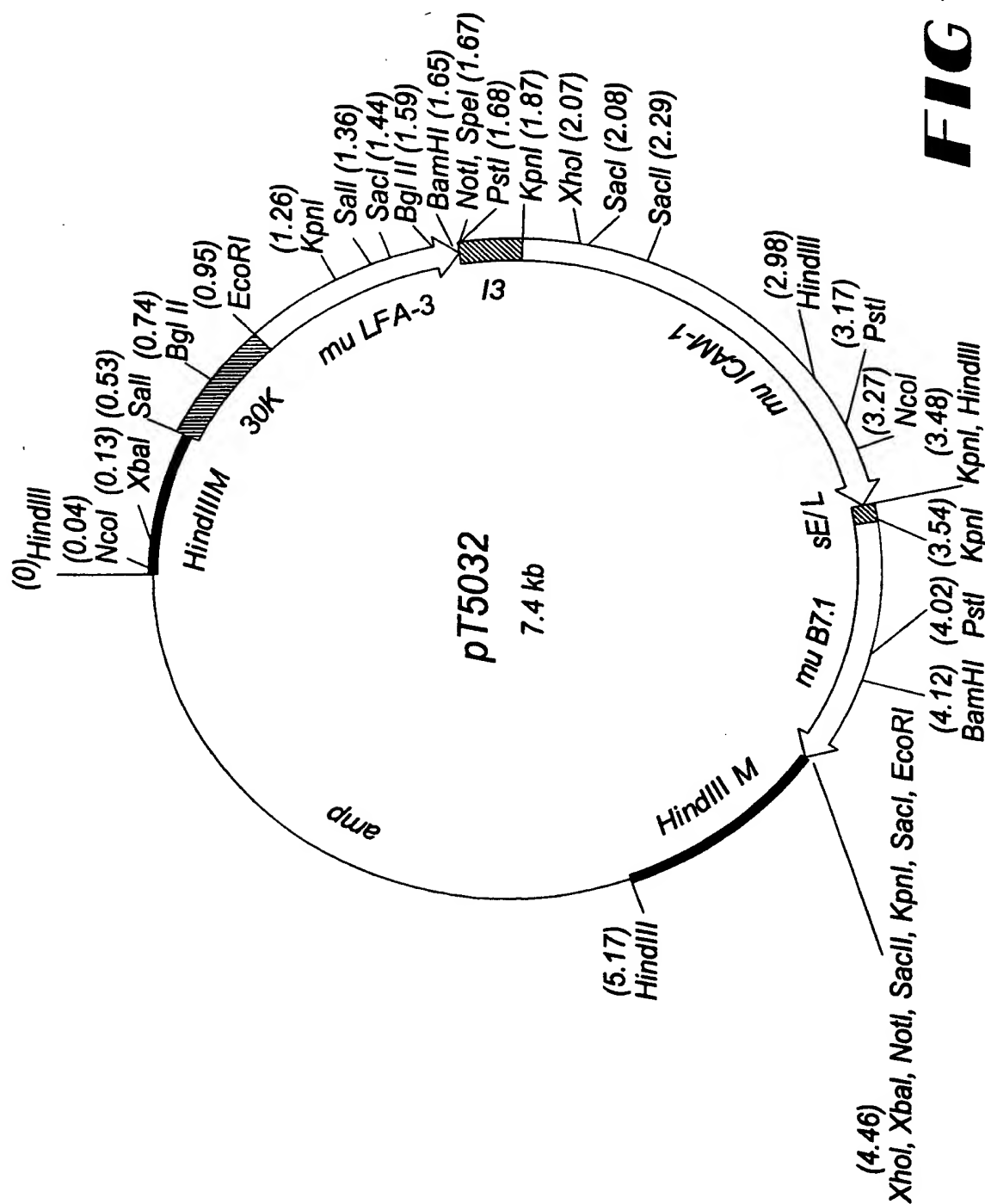


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FIG 1


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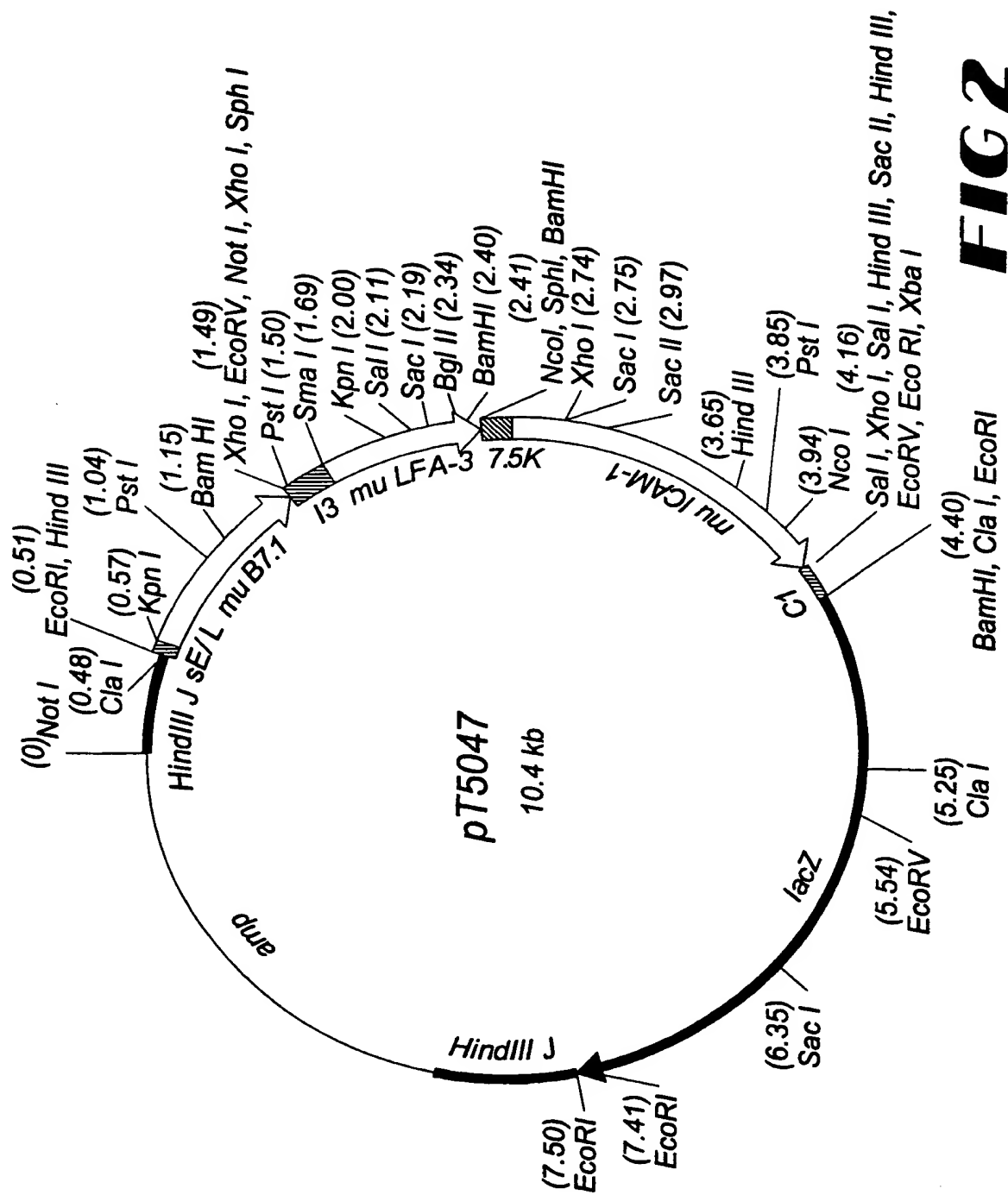
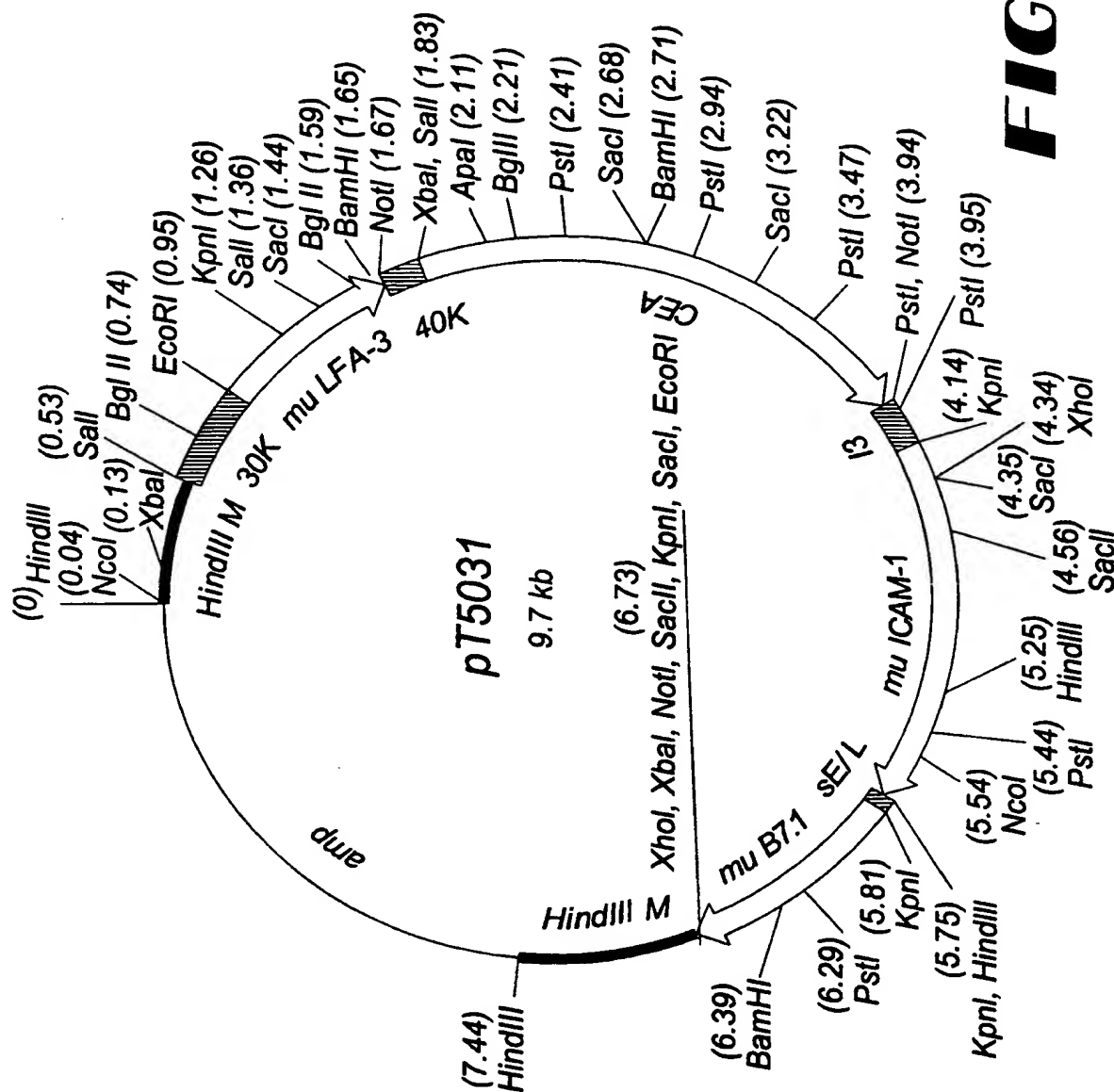


FIG 2

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FIG 3


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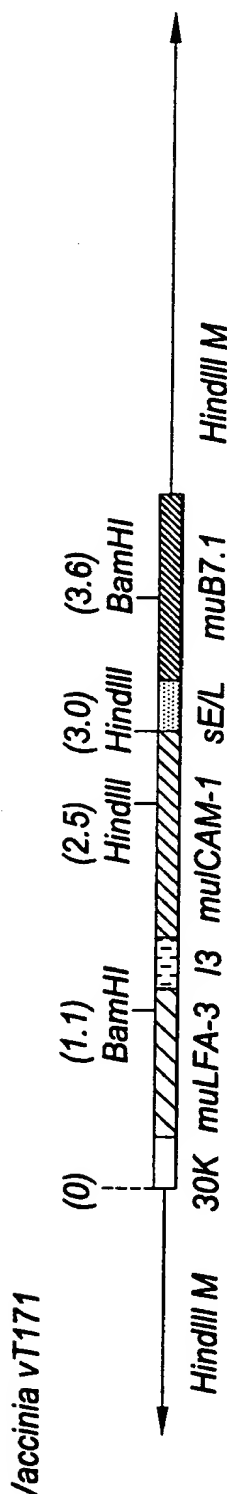


FIG 4A

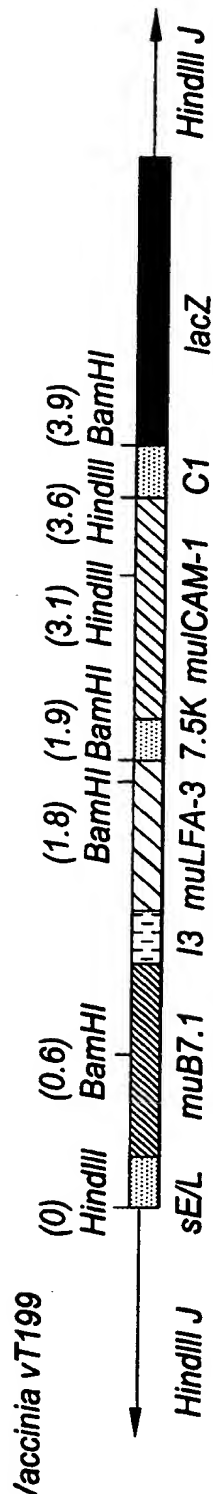


FIG 4B

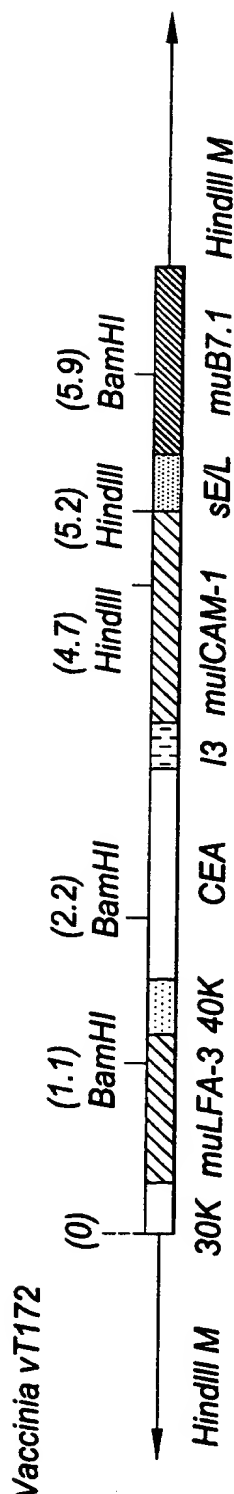


FIG 4C

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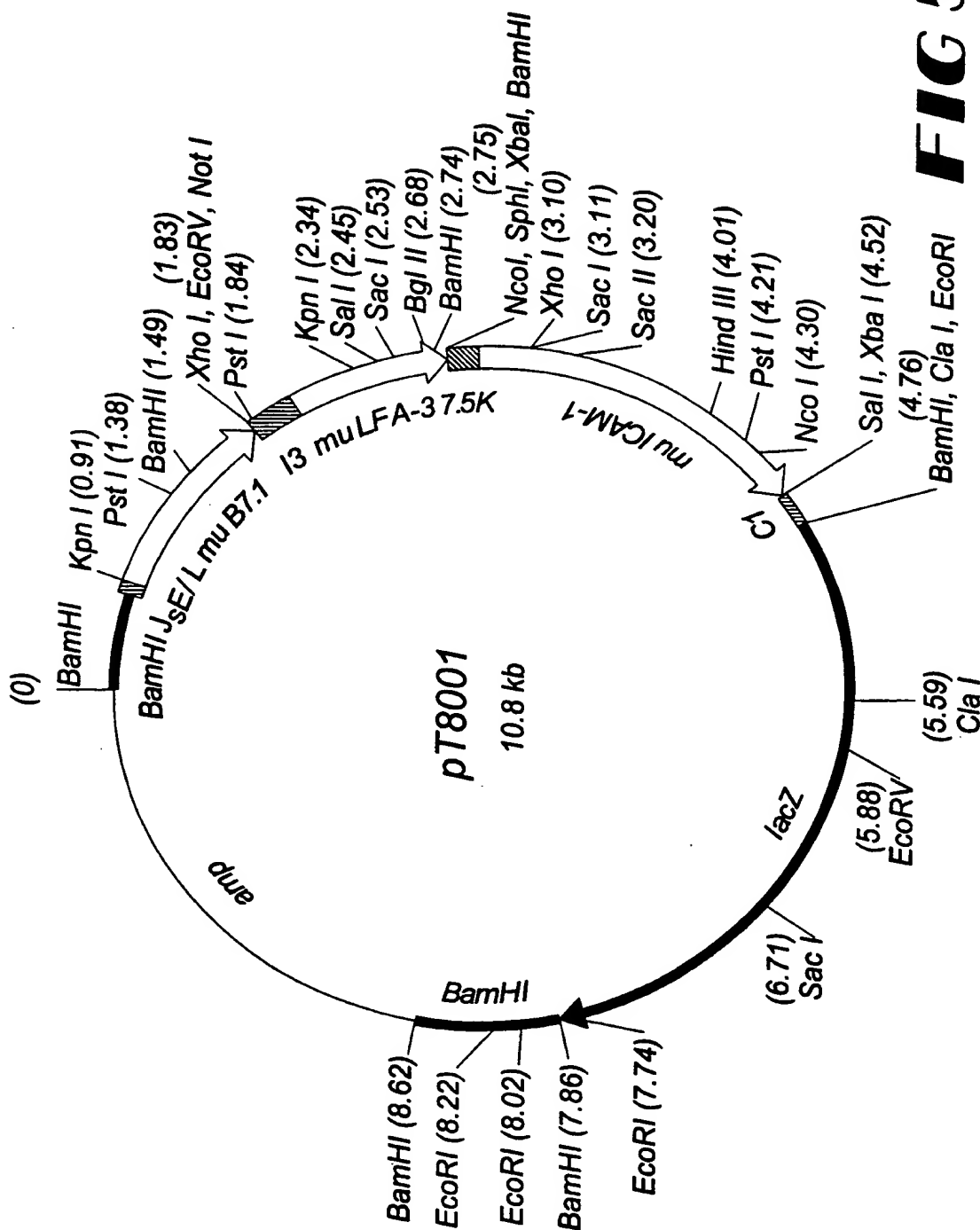


FIG 5

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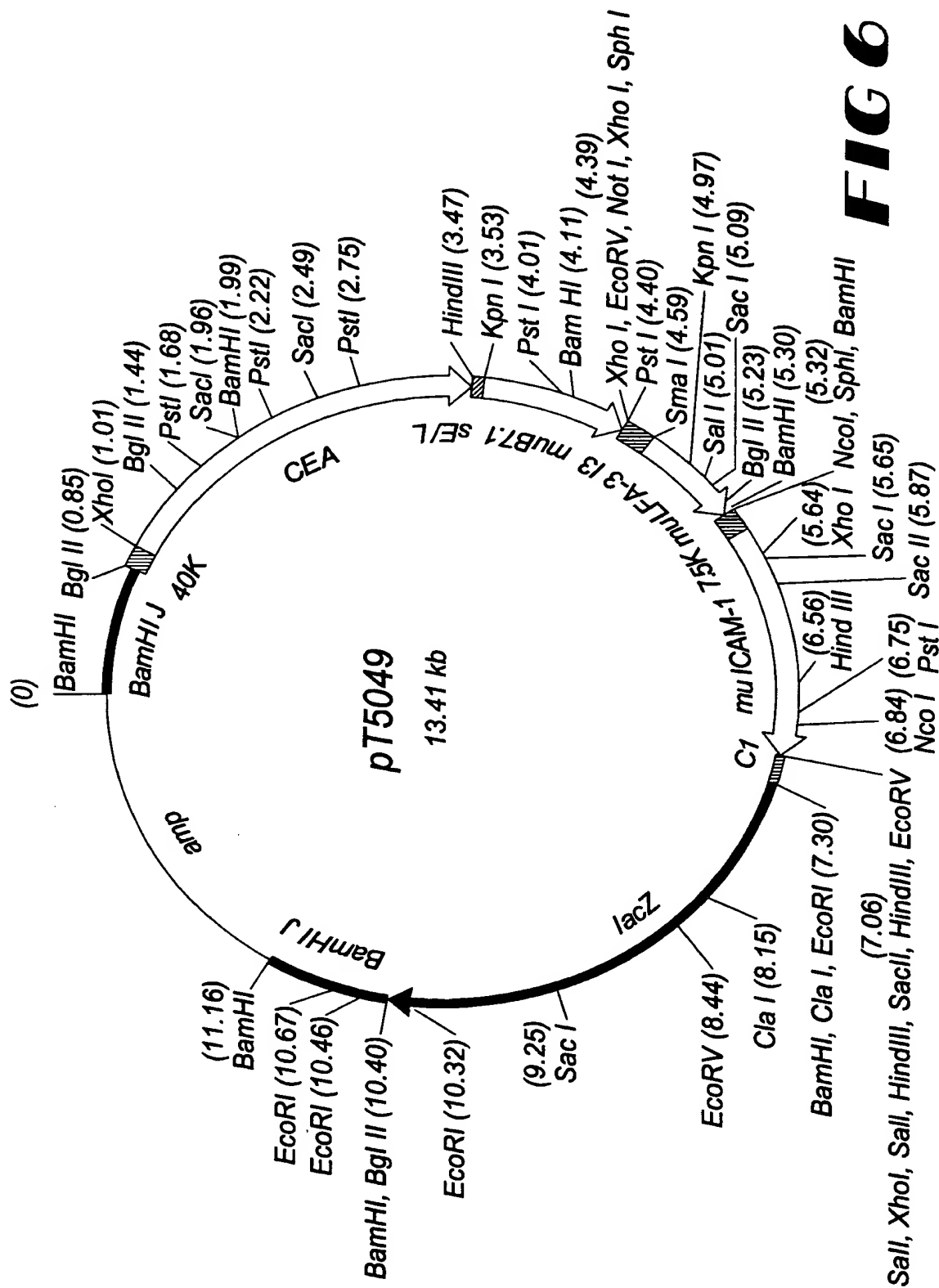


FIG 6

FIG 7A

FIG 7B

FIG 7C

FIG 7D

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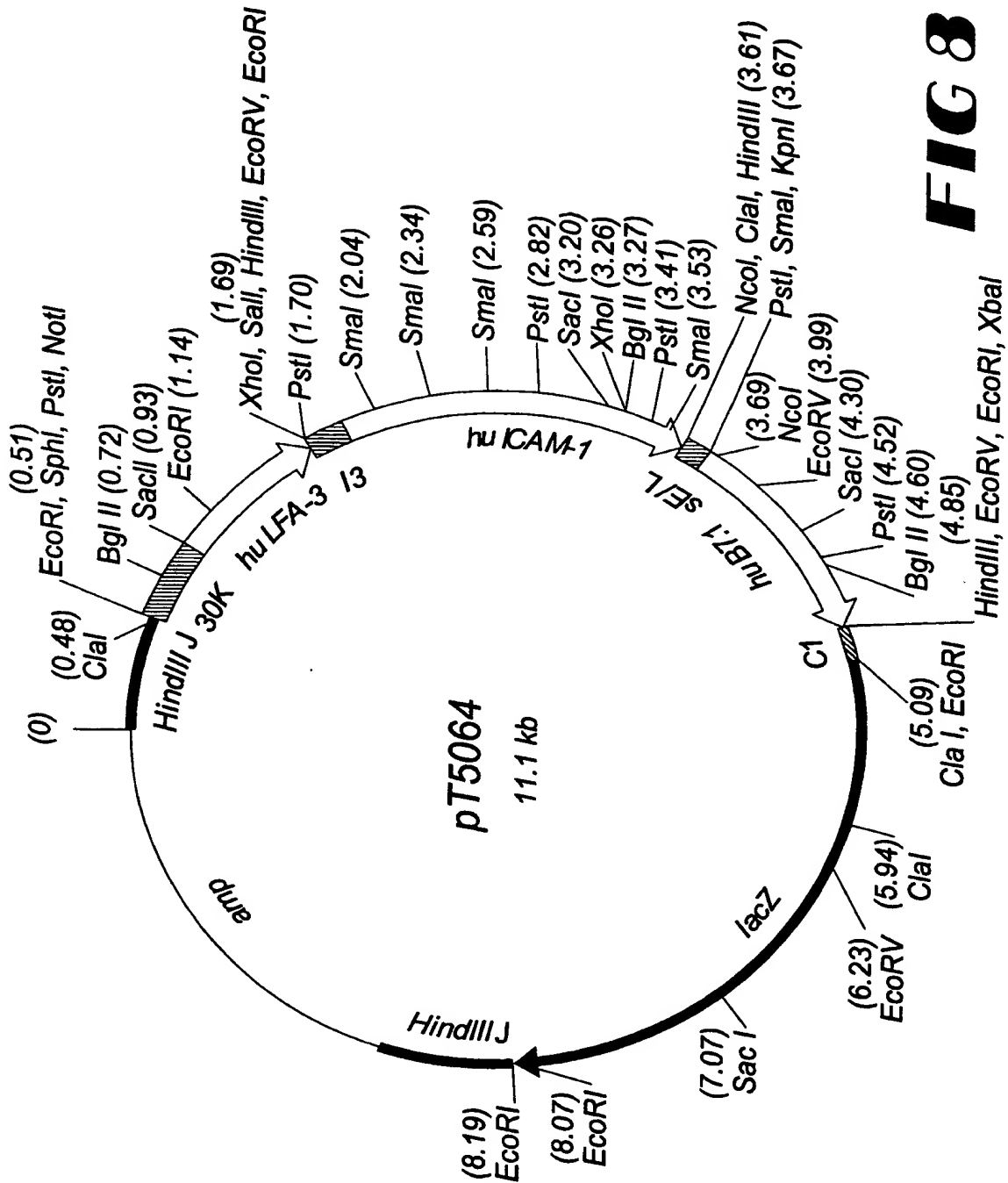


FIG. 9A

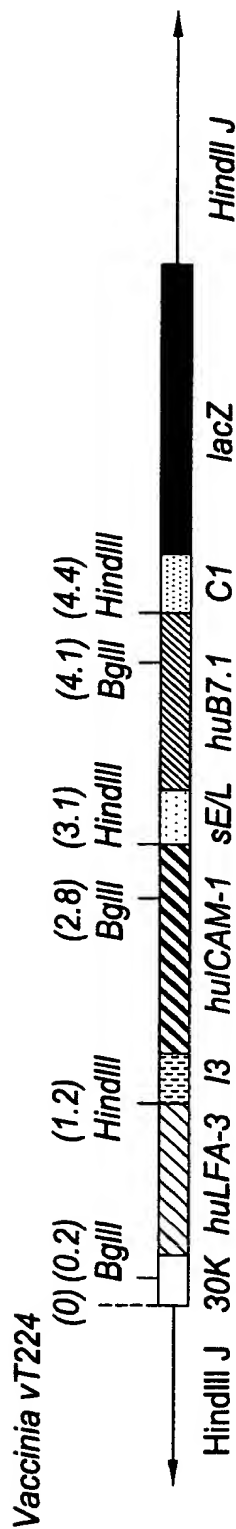


FIG 9A

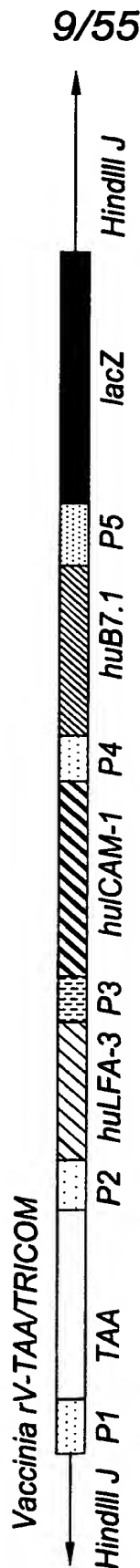


FIG 9B

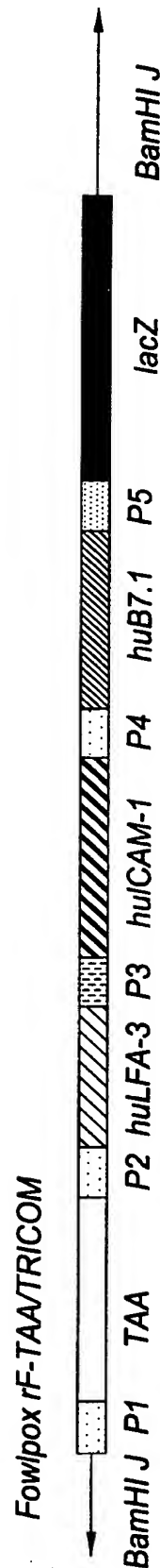
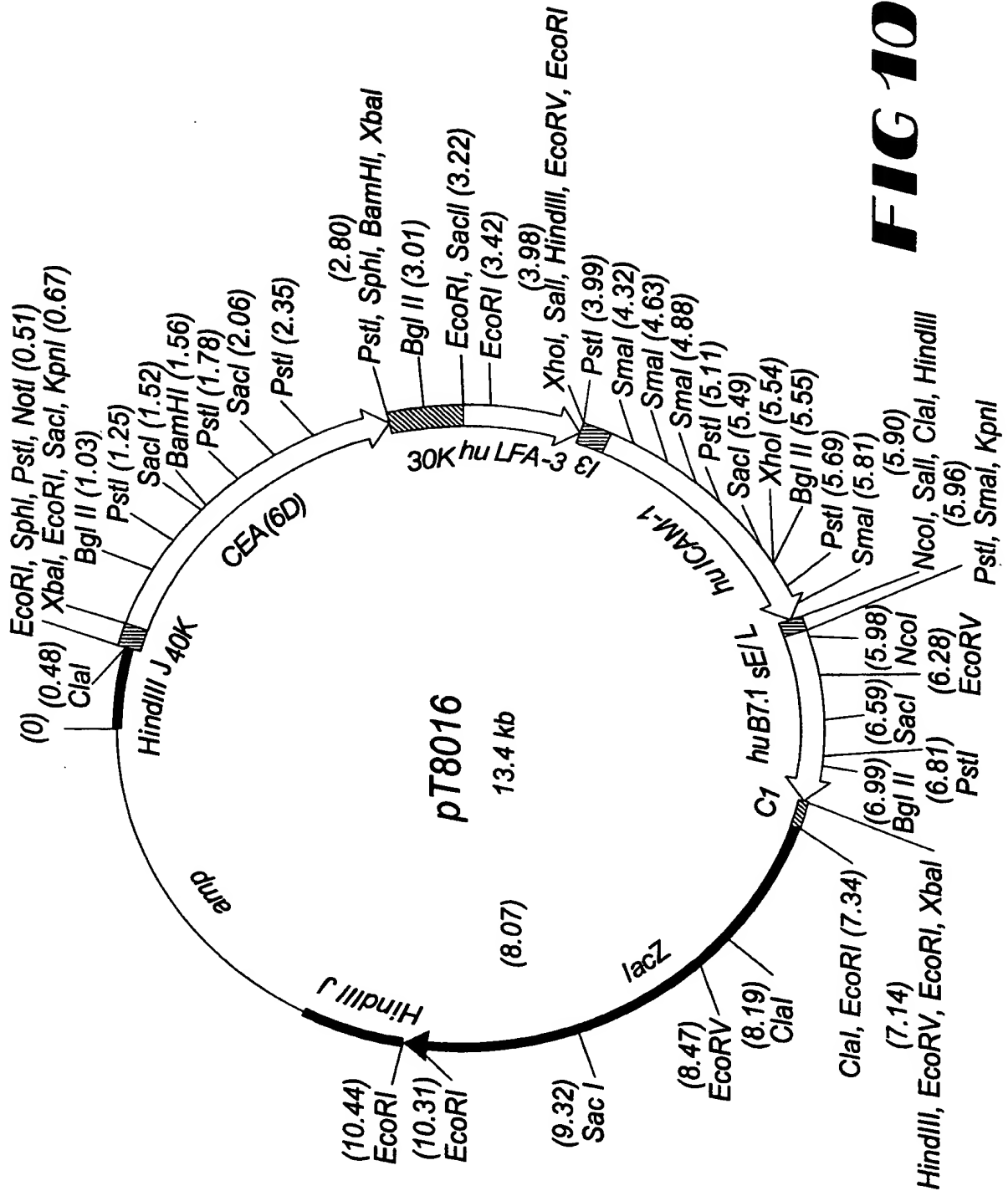


FIG 9C

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FIG 10



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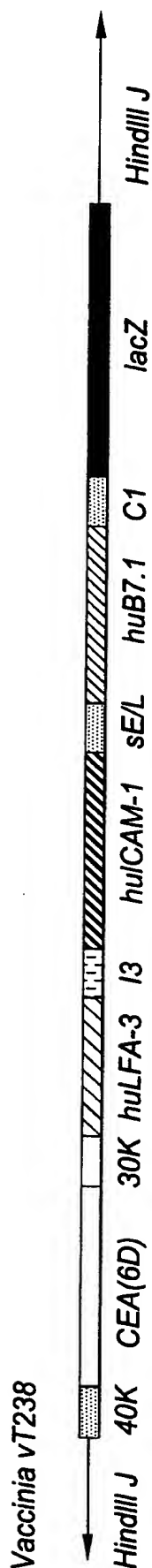
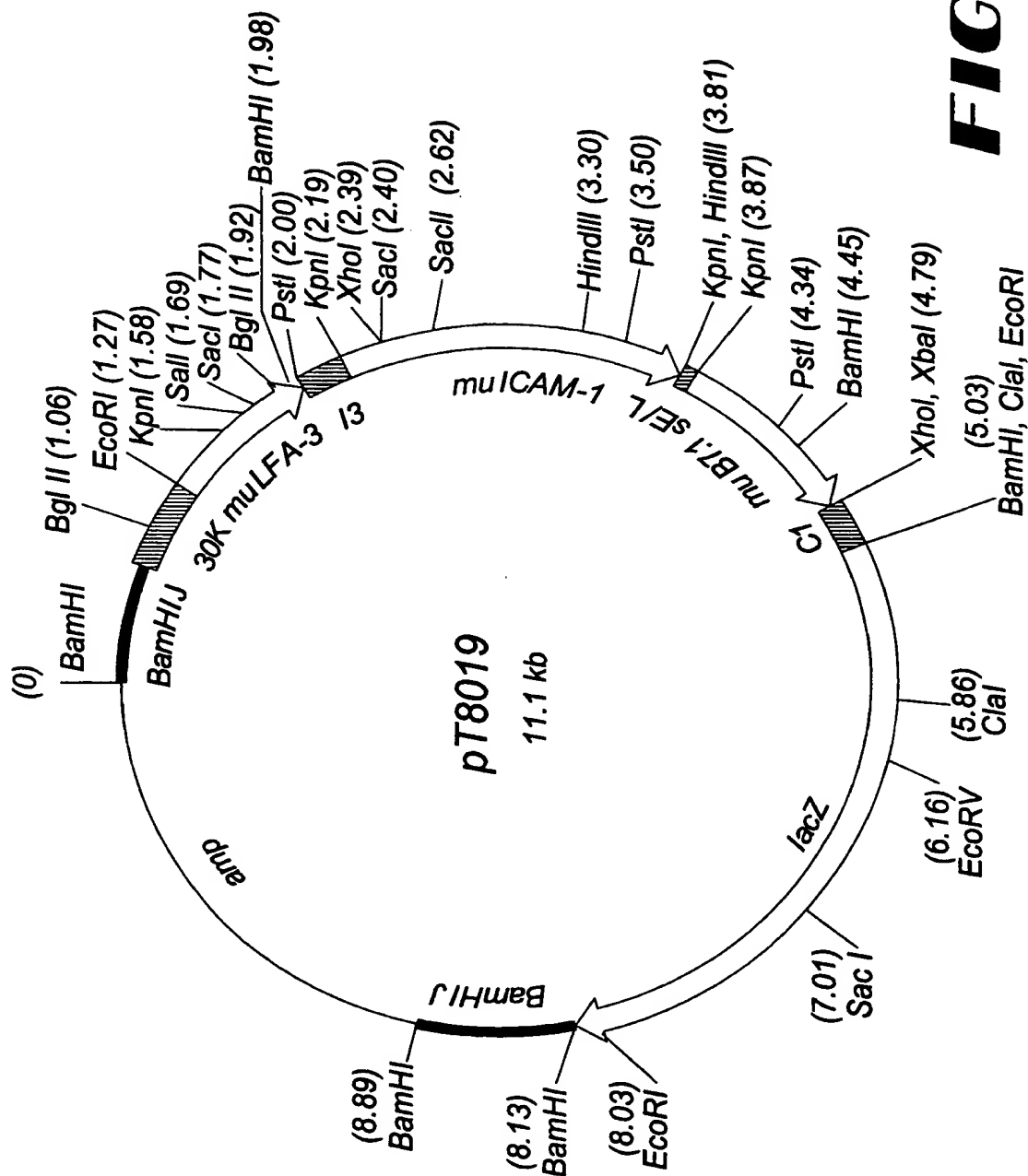


FIG 11

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FIG 12



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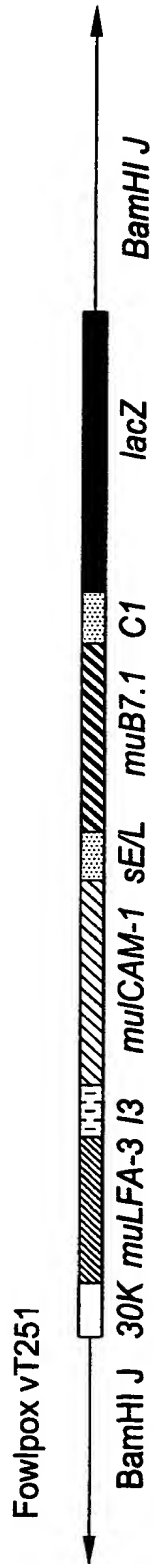


FIG 13A

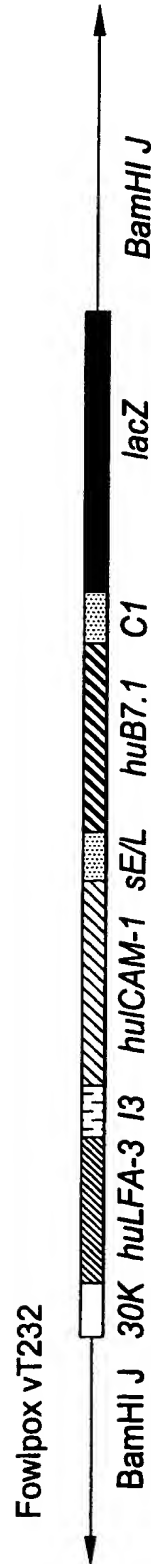
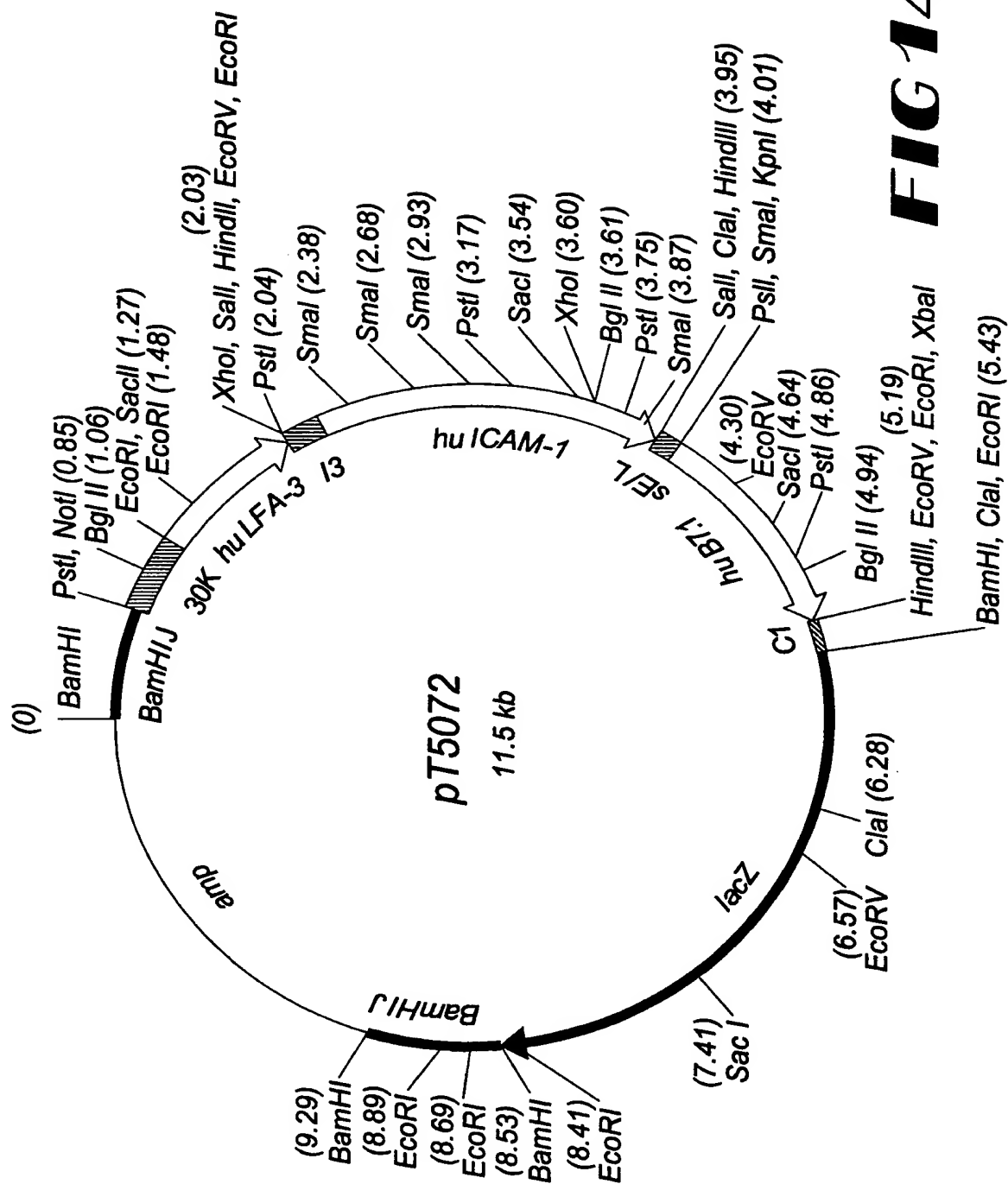


FIG 13B

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FIG 14


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FIG 15

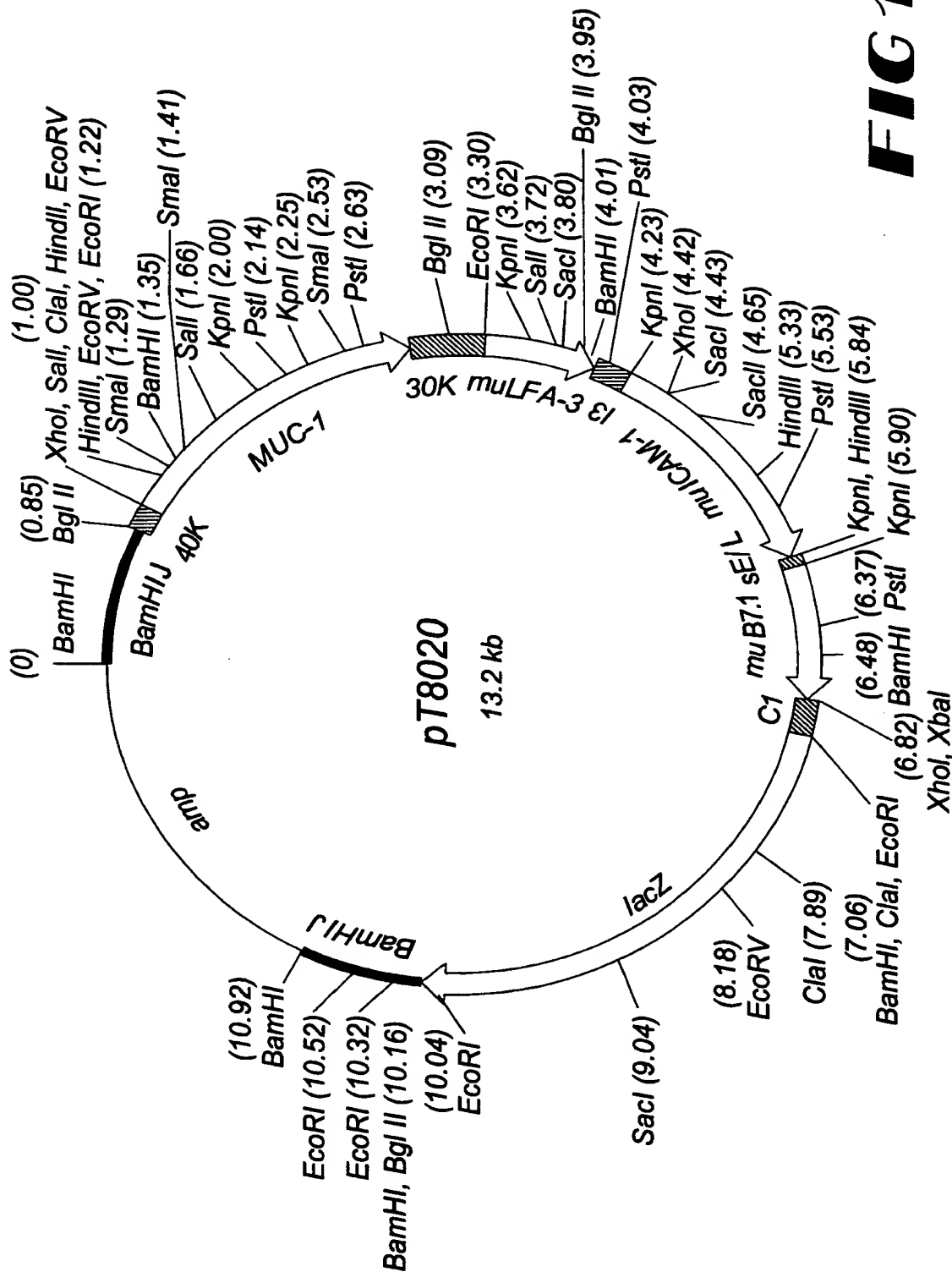


FIG. 16A



FIG 16A

Fowlpox vT242



FIG 16B



FIG 16C

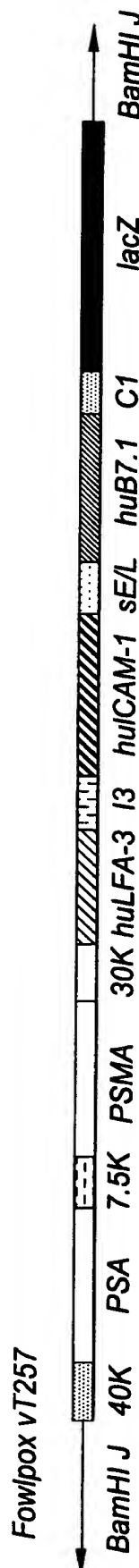
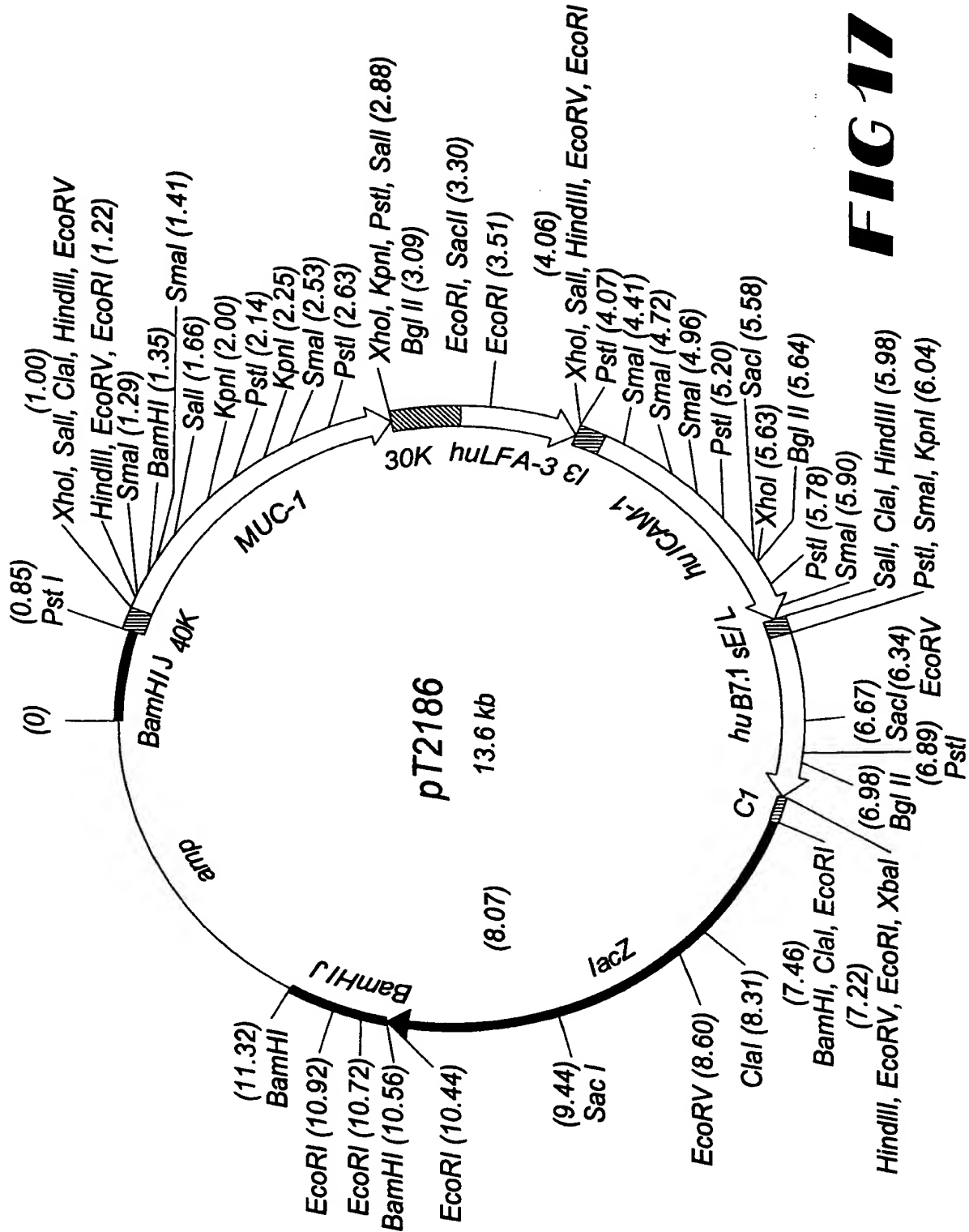


FIG 16D

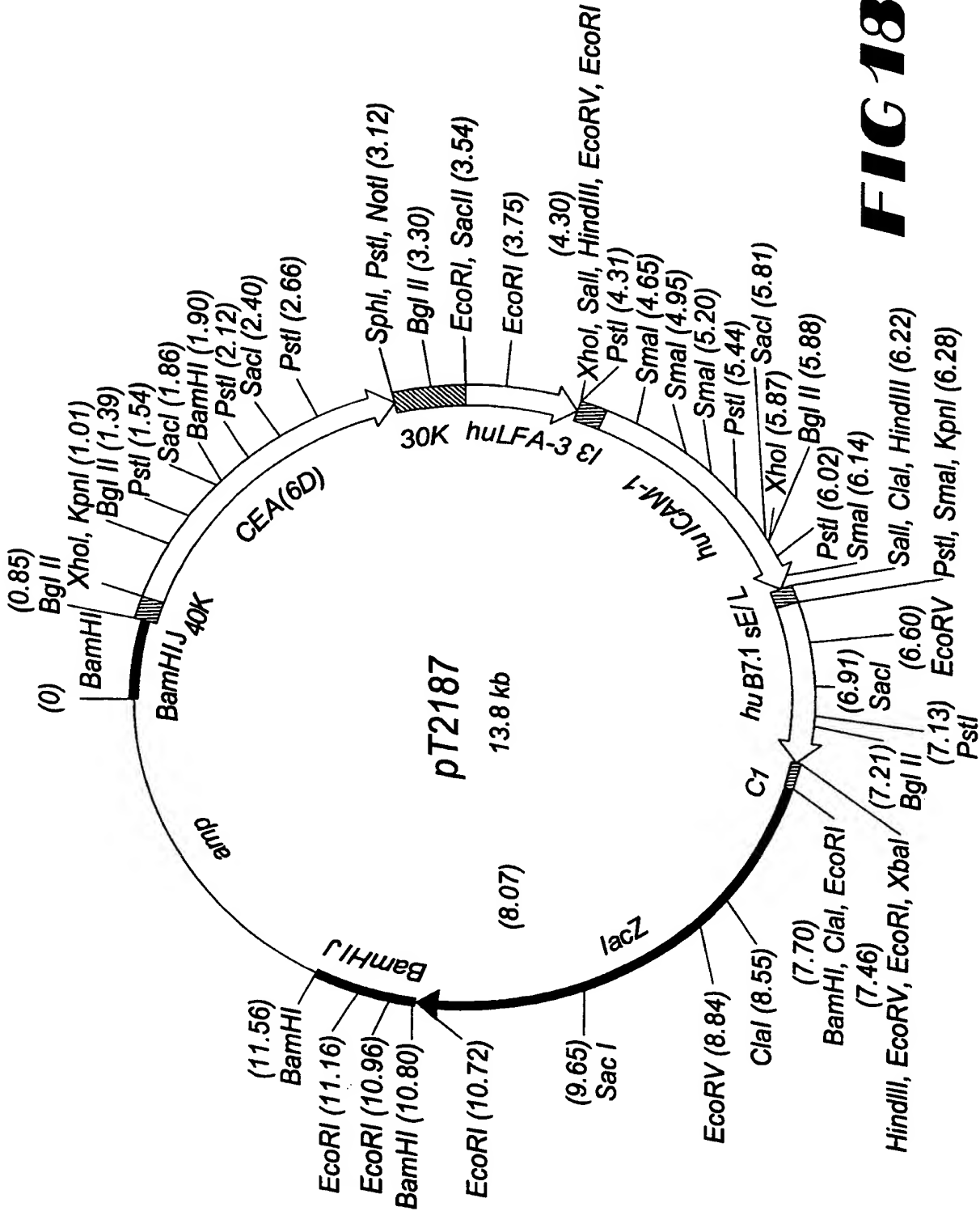
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FIG 17



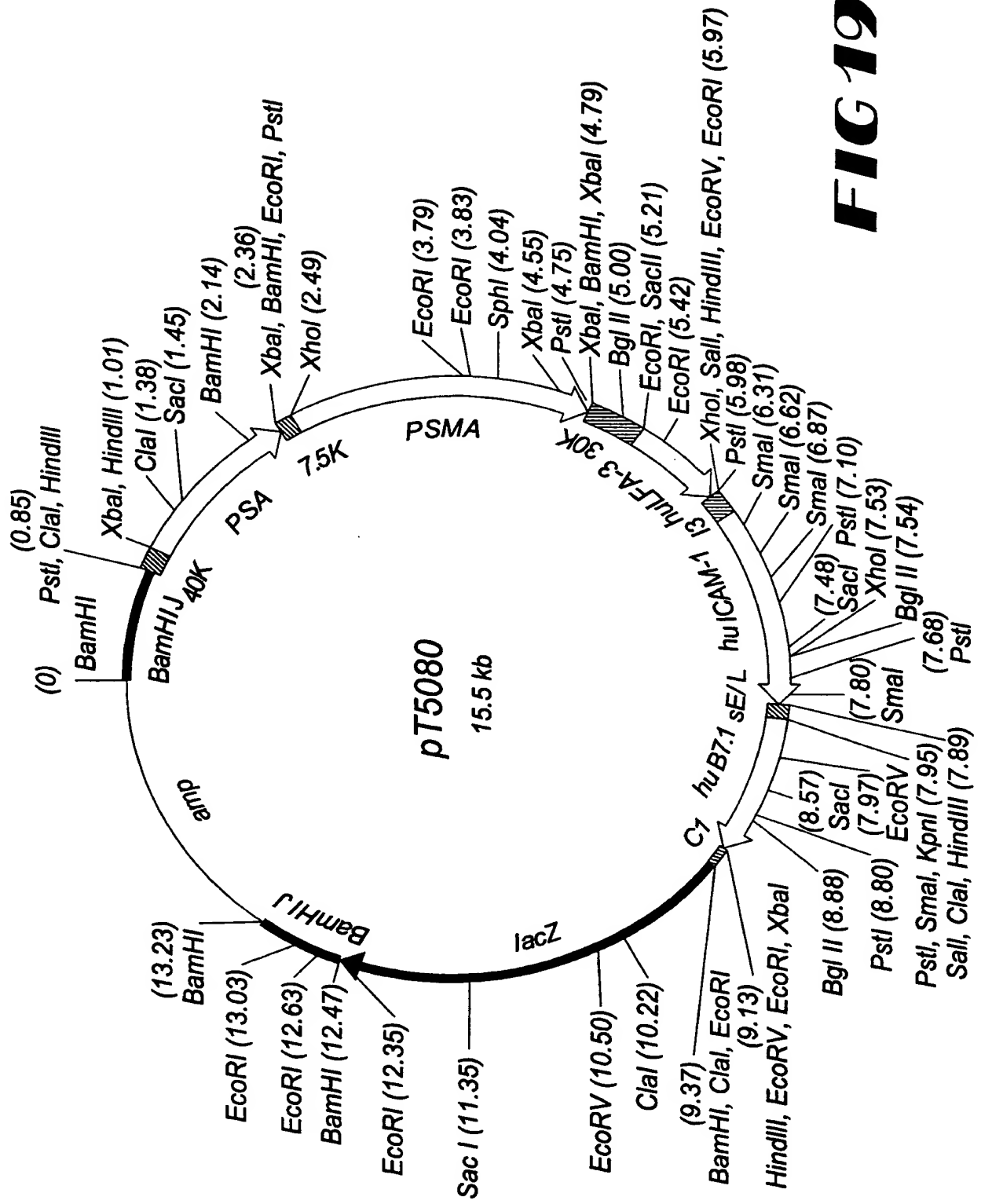
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FIG 18



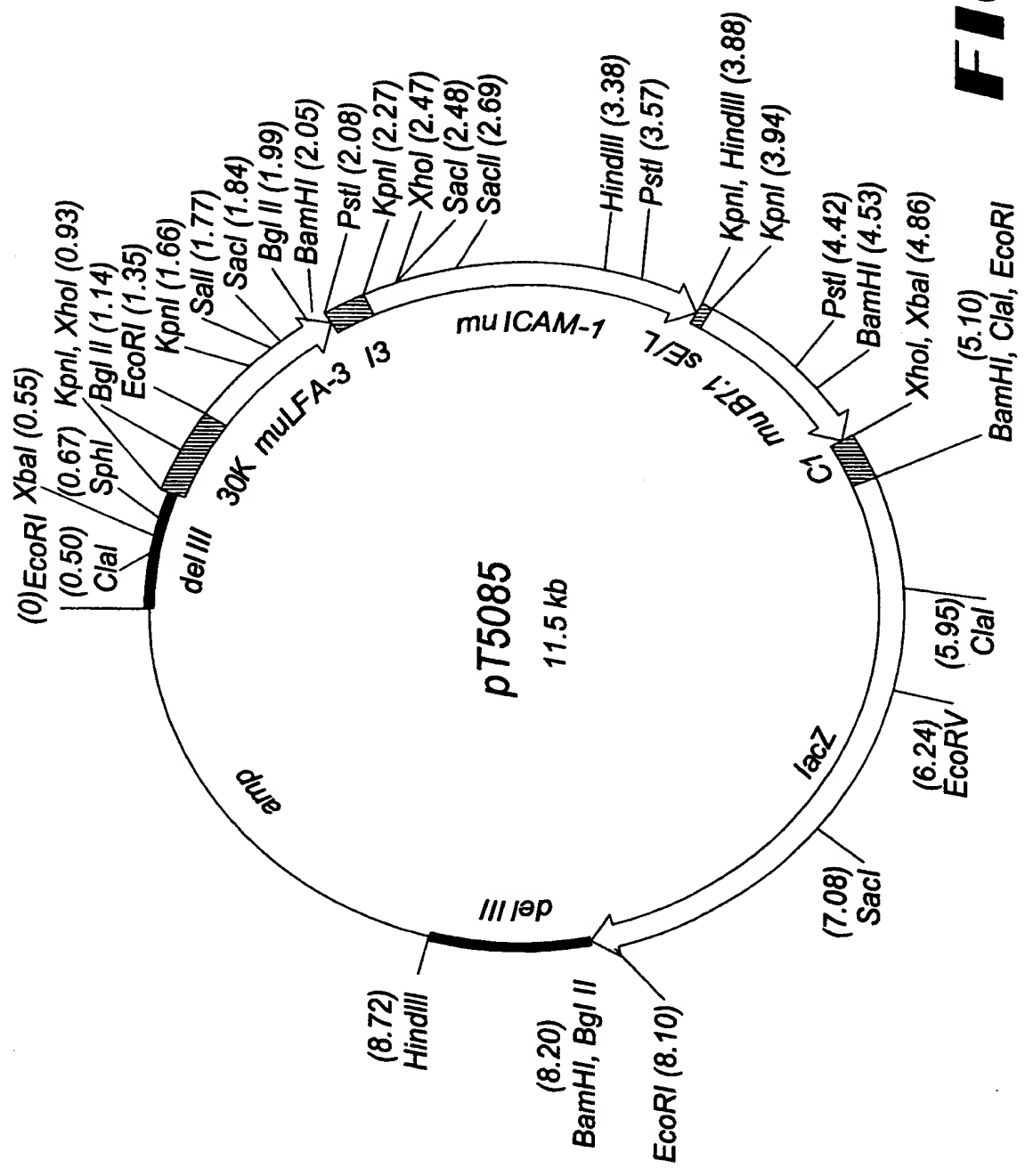
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FIG 19



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FIG 20



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MVA vT264



FIG 21A

MVA vT260

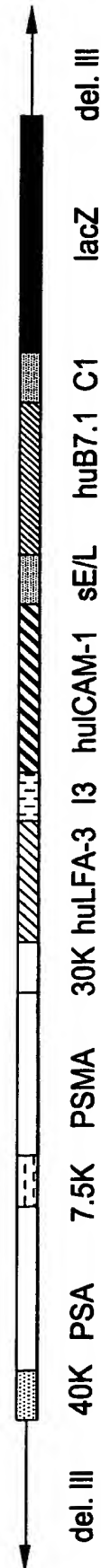
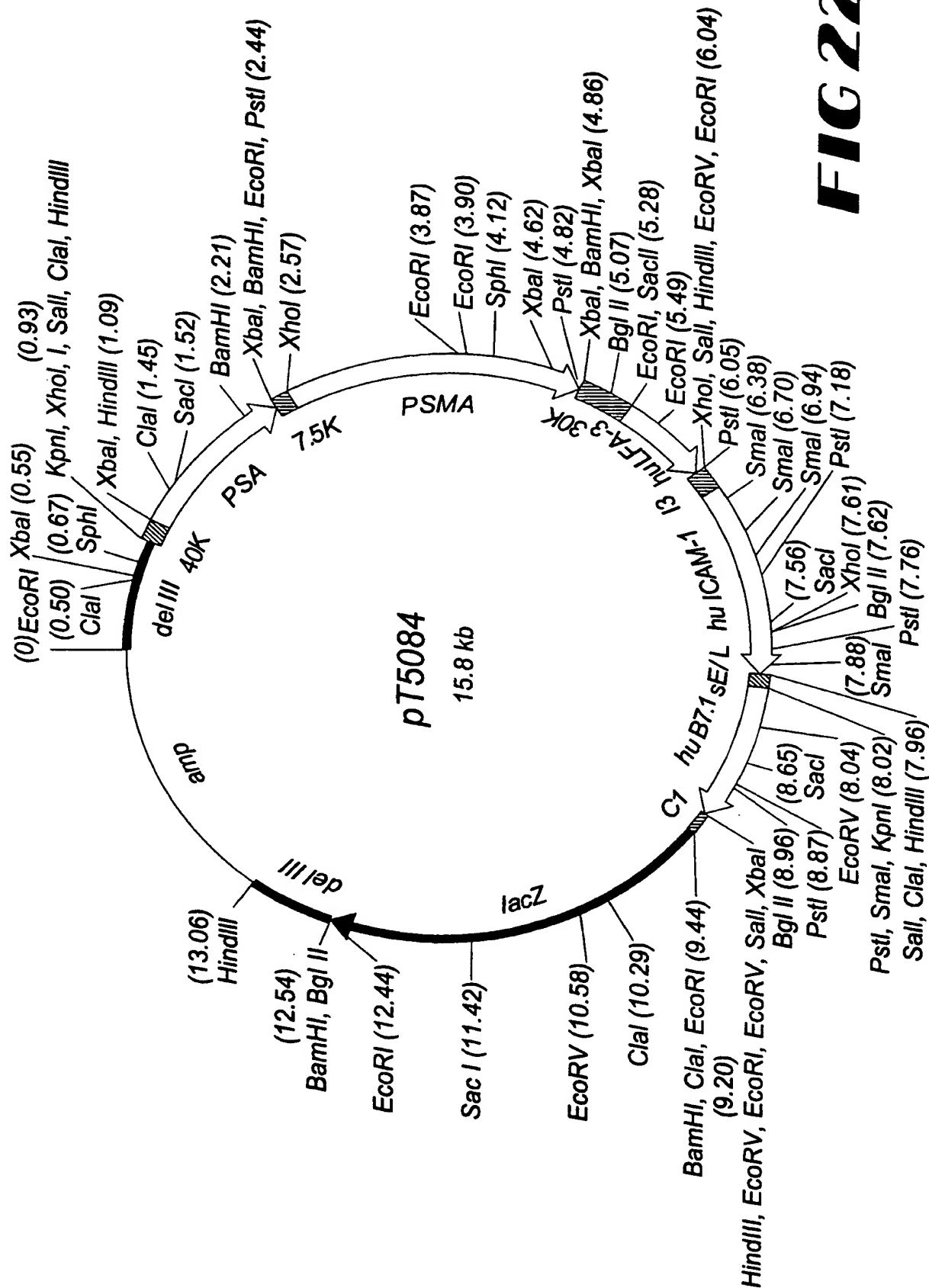


FIG 21B

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FIG 22



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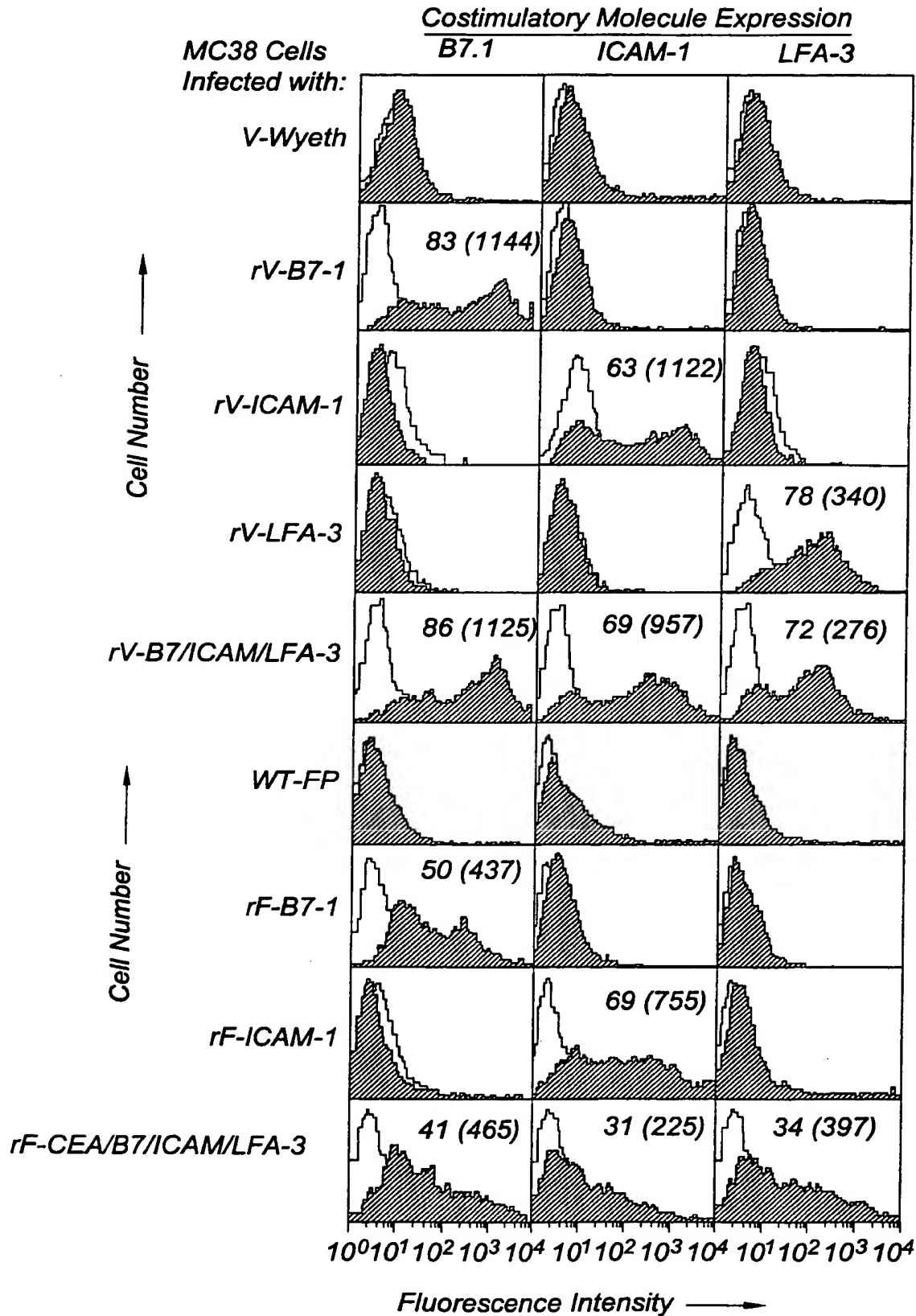
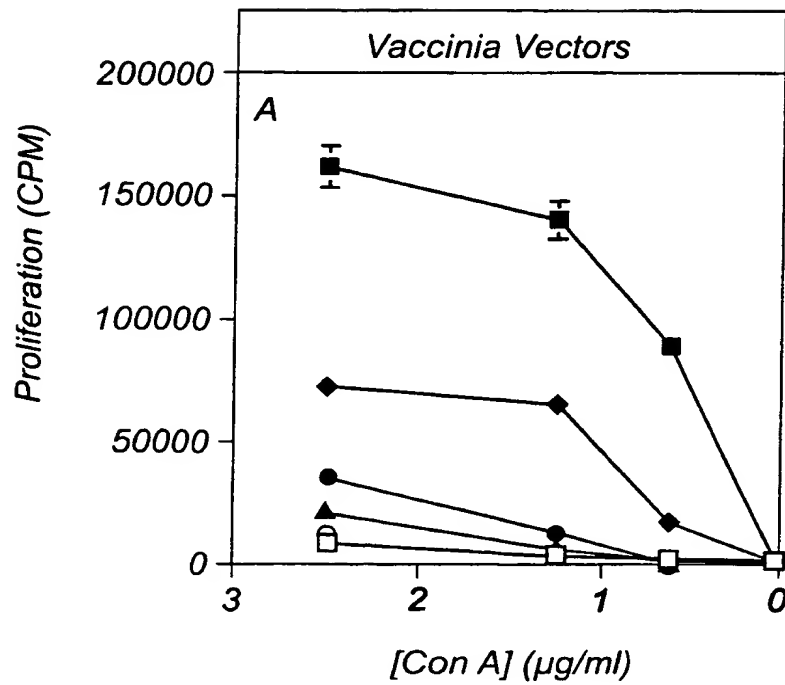
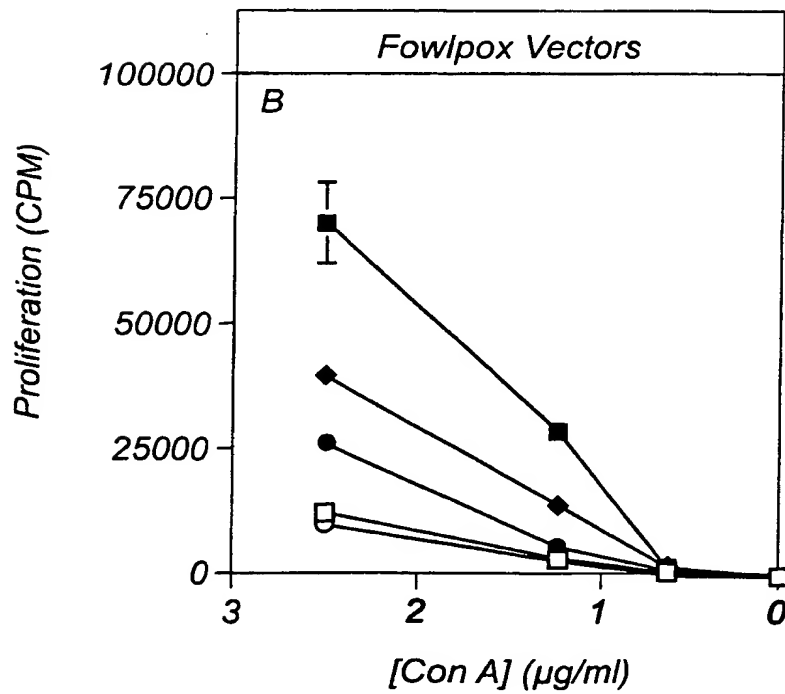


FIG 23

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**FIG 24A****FIG 24B**

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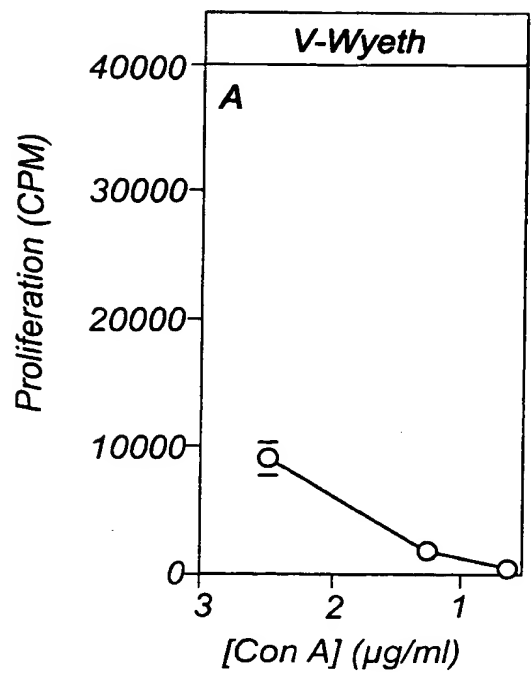


FIG 25A

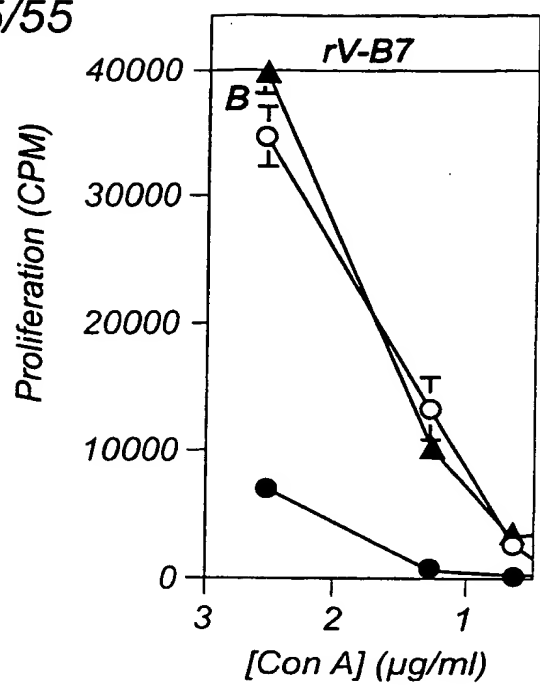


FIG 25B

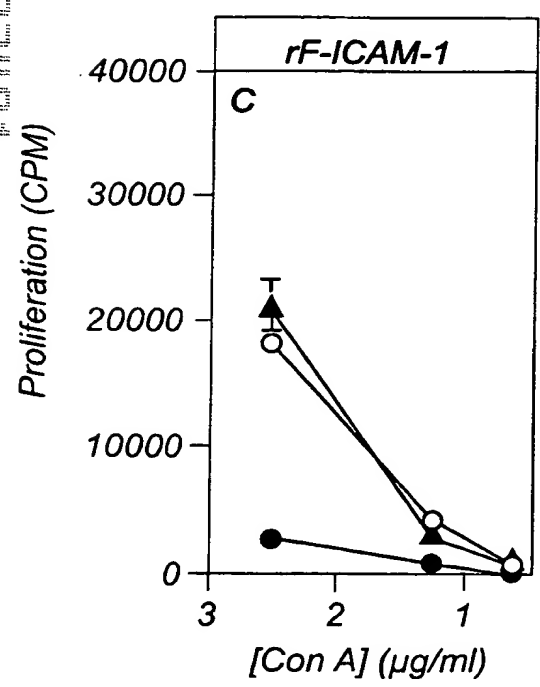


FIG 25C

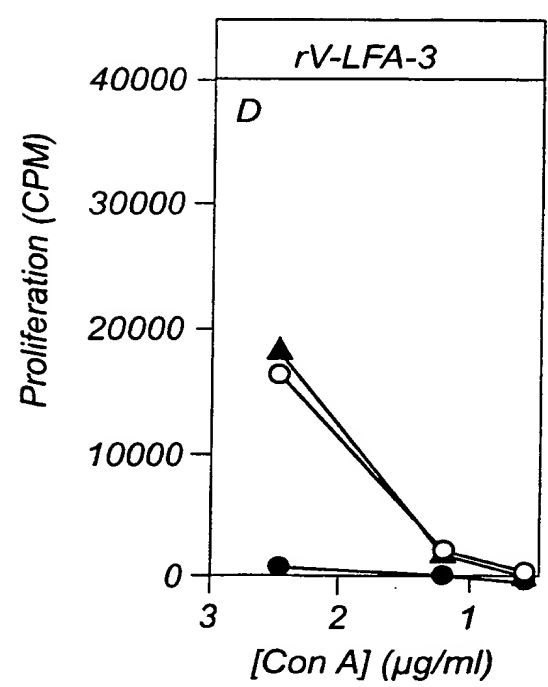
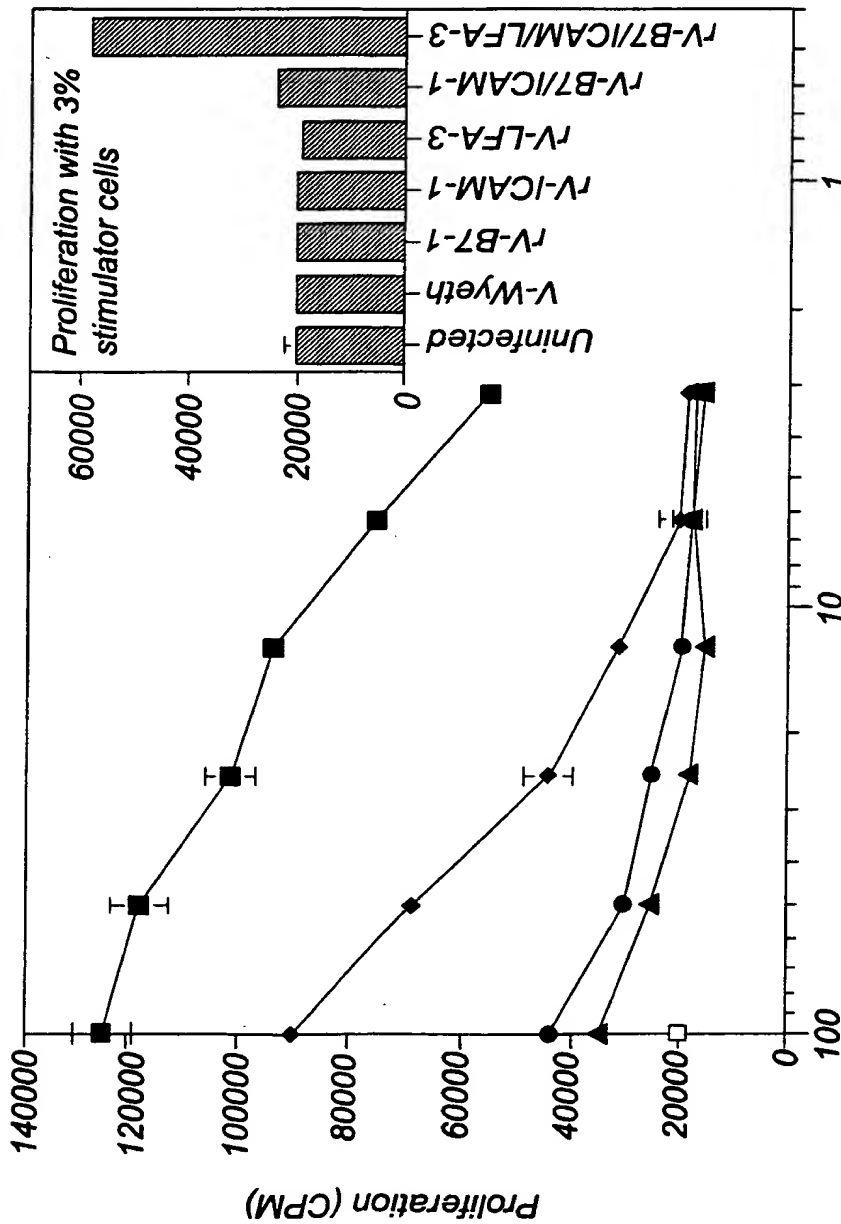


FIG 25D

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% MC38 Cells Expressing Constitutively Stimulatory Molecule(s)

FIG 26

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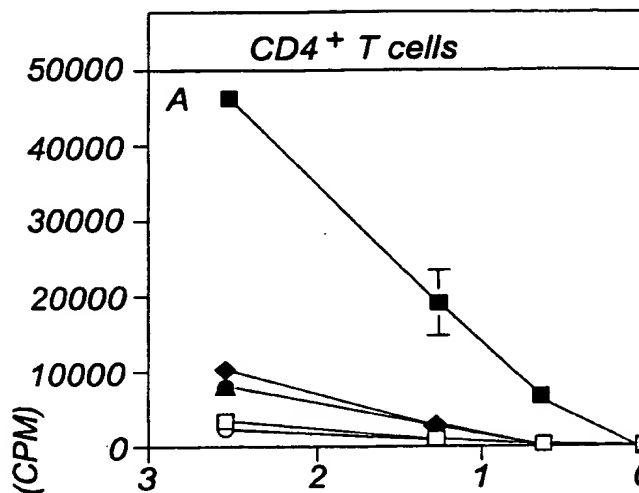


FIG 27A

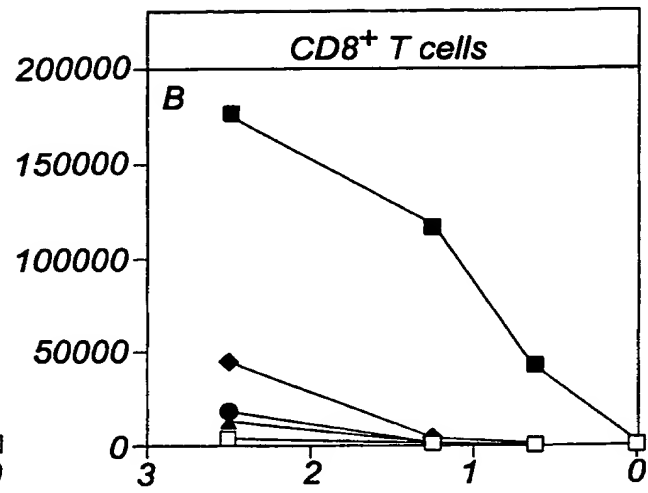


FIG 27B

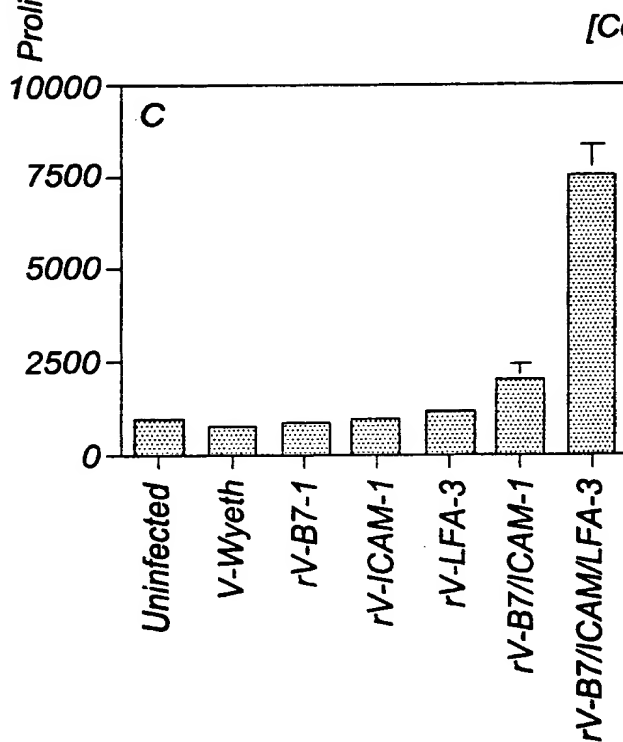


FIG 27C

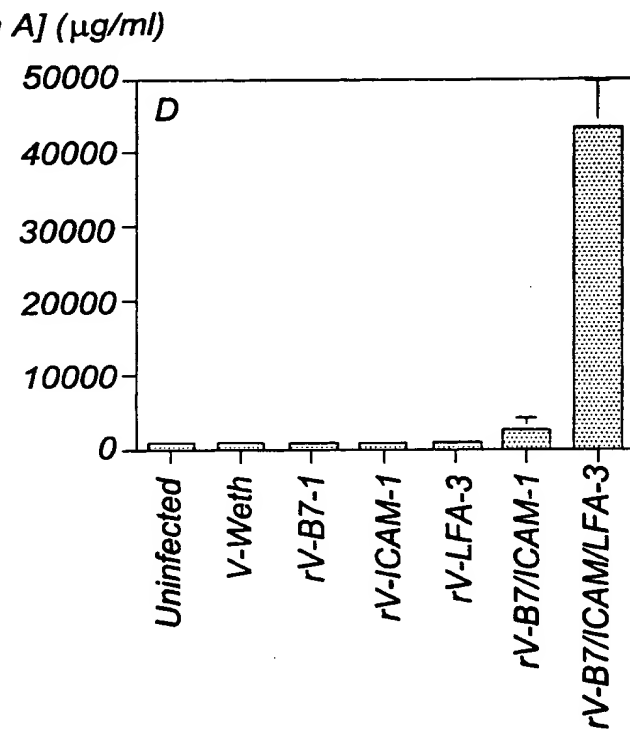


FIG 27D

MC38 Stimulator Cells Infected With:

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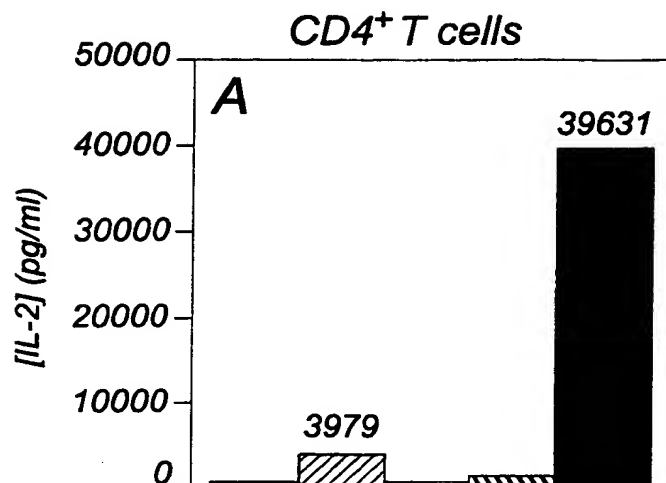


FIG 28A

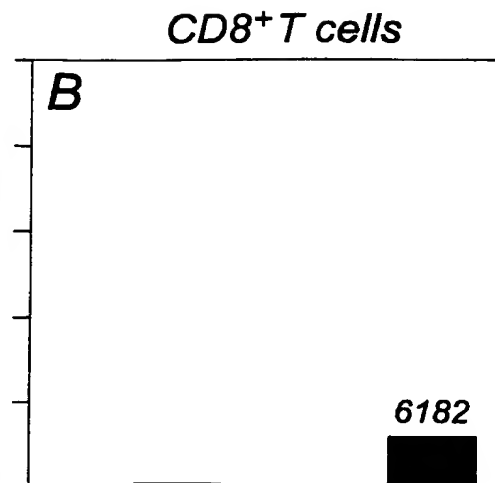


FIG 28B

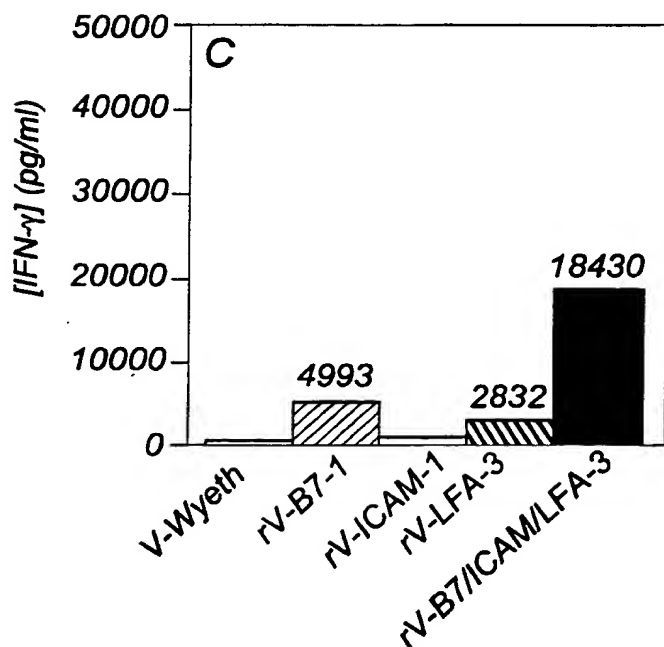


FIG 28C

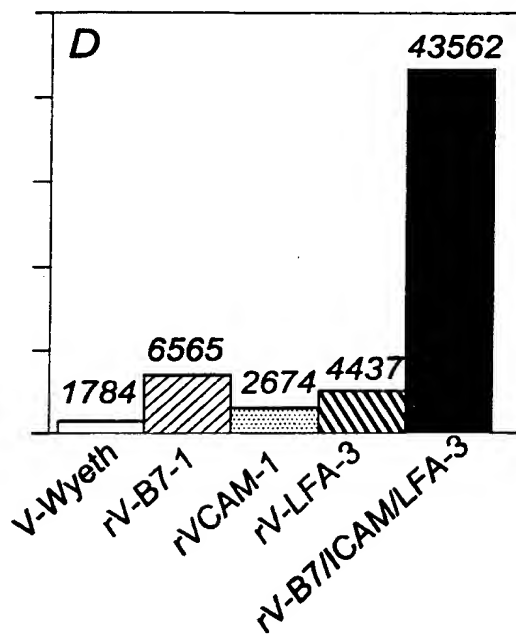
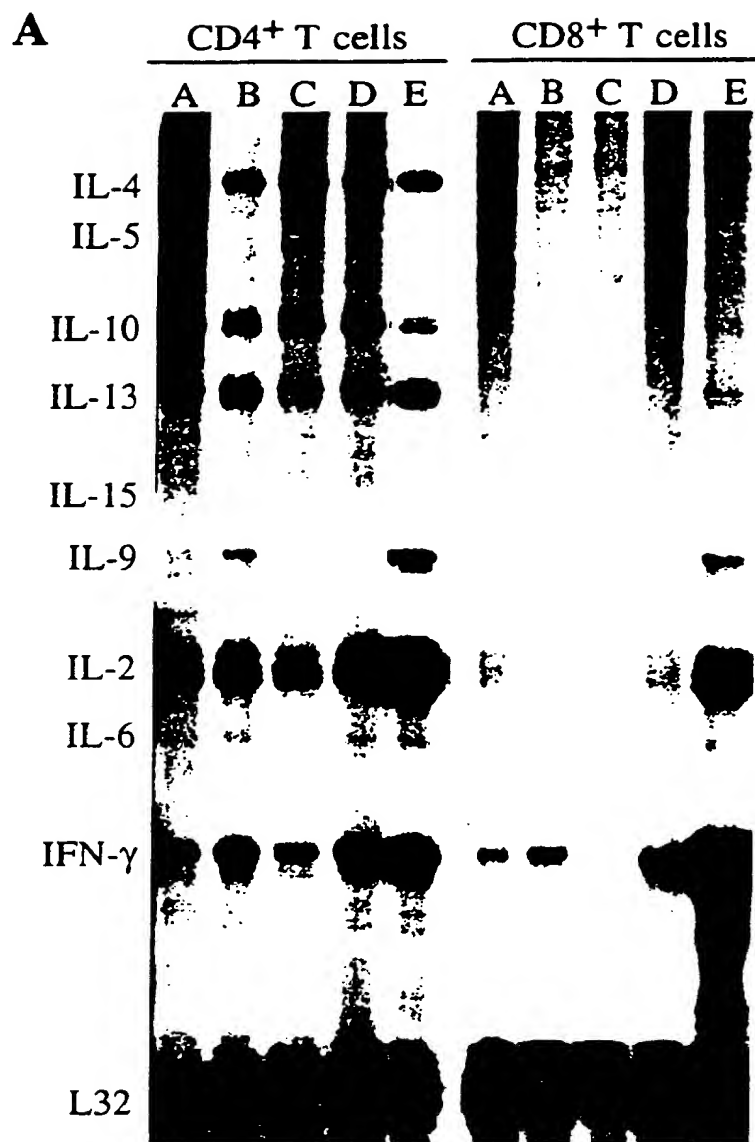


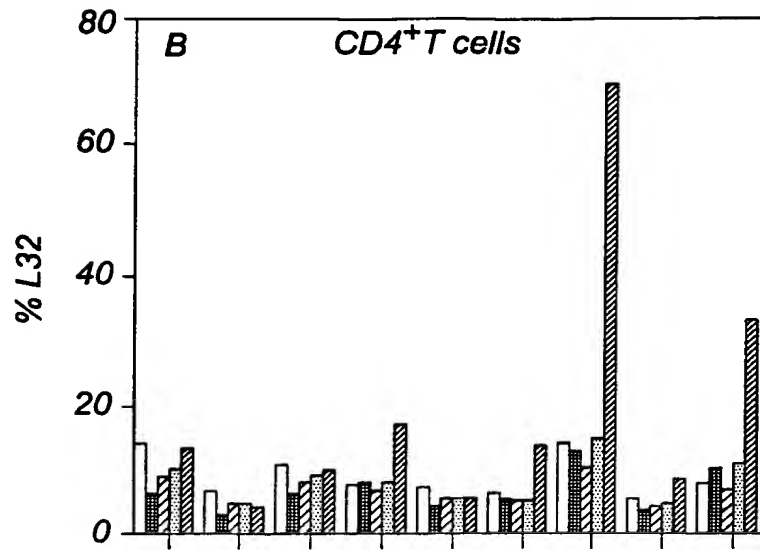
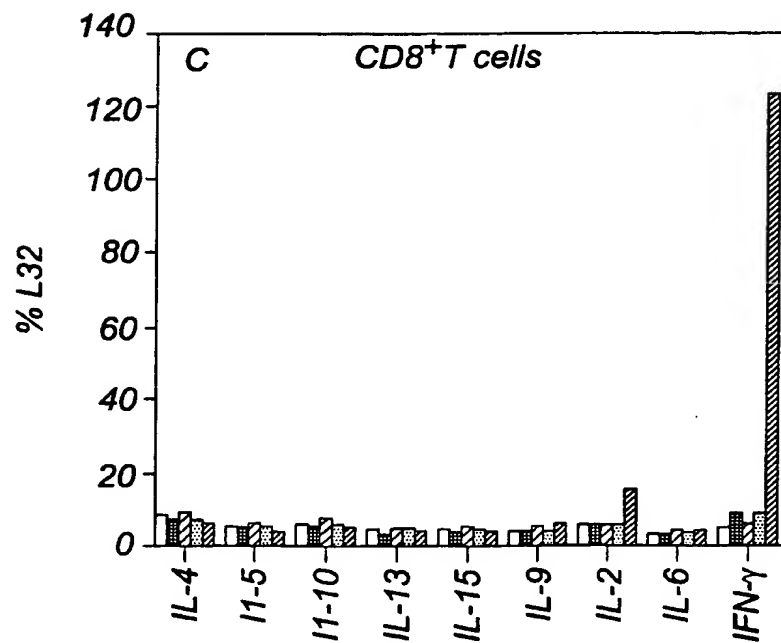
FIG 28D

MC38 Stimulator Cells Infected With:

FIGURE 29



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FIG 29B

FIG 29C

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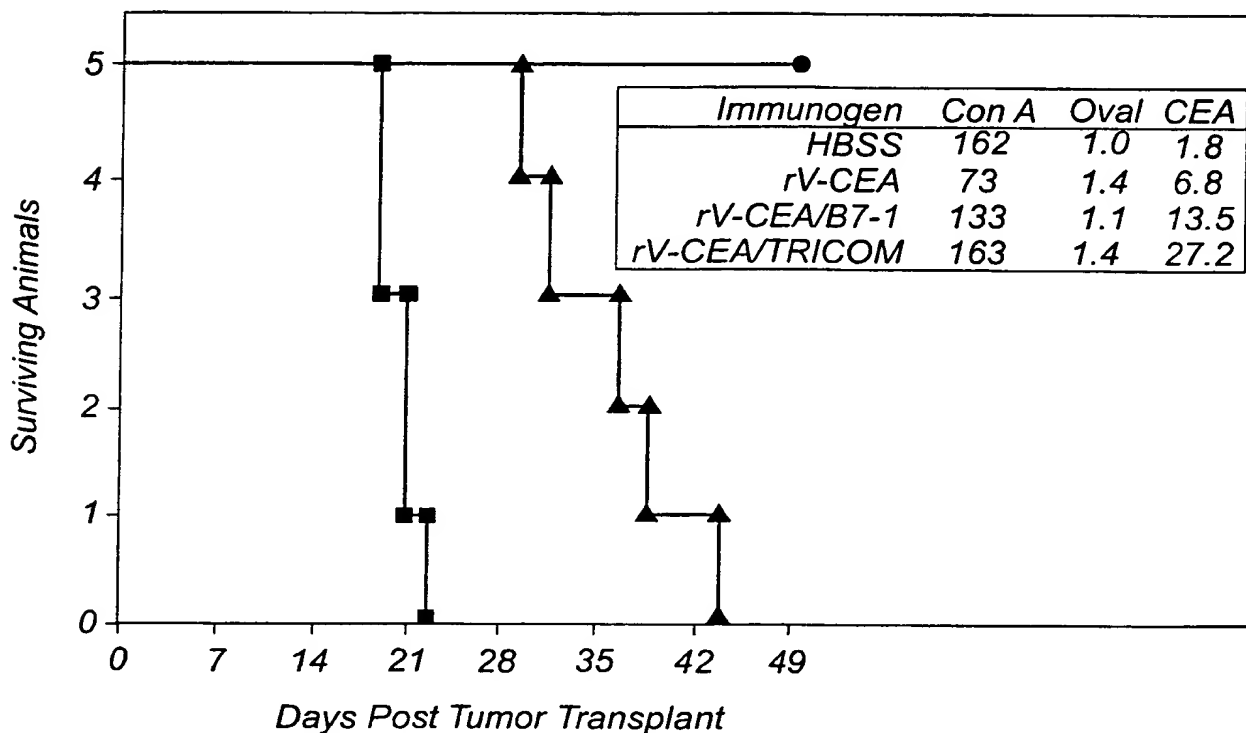


FIG 30

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*In-Vitro Costimulation Assay:
Dendritic Cells*

*Prepare Responder T-cells:
Mouse Spleen
CAP-M8 T-cell Line*

*Prepare Stimulator cells:
CD34⁺ BM Cells (Fresh)
or
DC [CD34⁺ BM Cells
(cultured with
GMCSF and IL-4)]*

*Unfractionated T-cells
Purified CD4⁺ cells
Purified CD8⁺ cells
CAP-M8 T-cell Line*

*5-18 Hours Infection
V-Wyeth
rV-B7
rV-CEA/B7/ICAM/LFA-3*

Irradiate Stimulator cells

*Provide Signal 1:
Con-A
CAP-M8 Peptide*

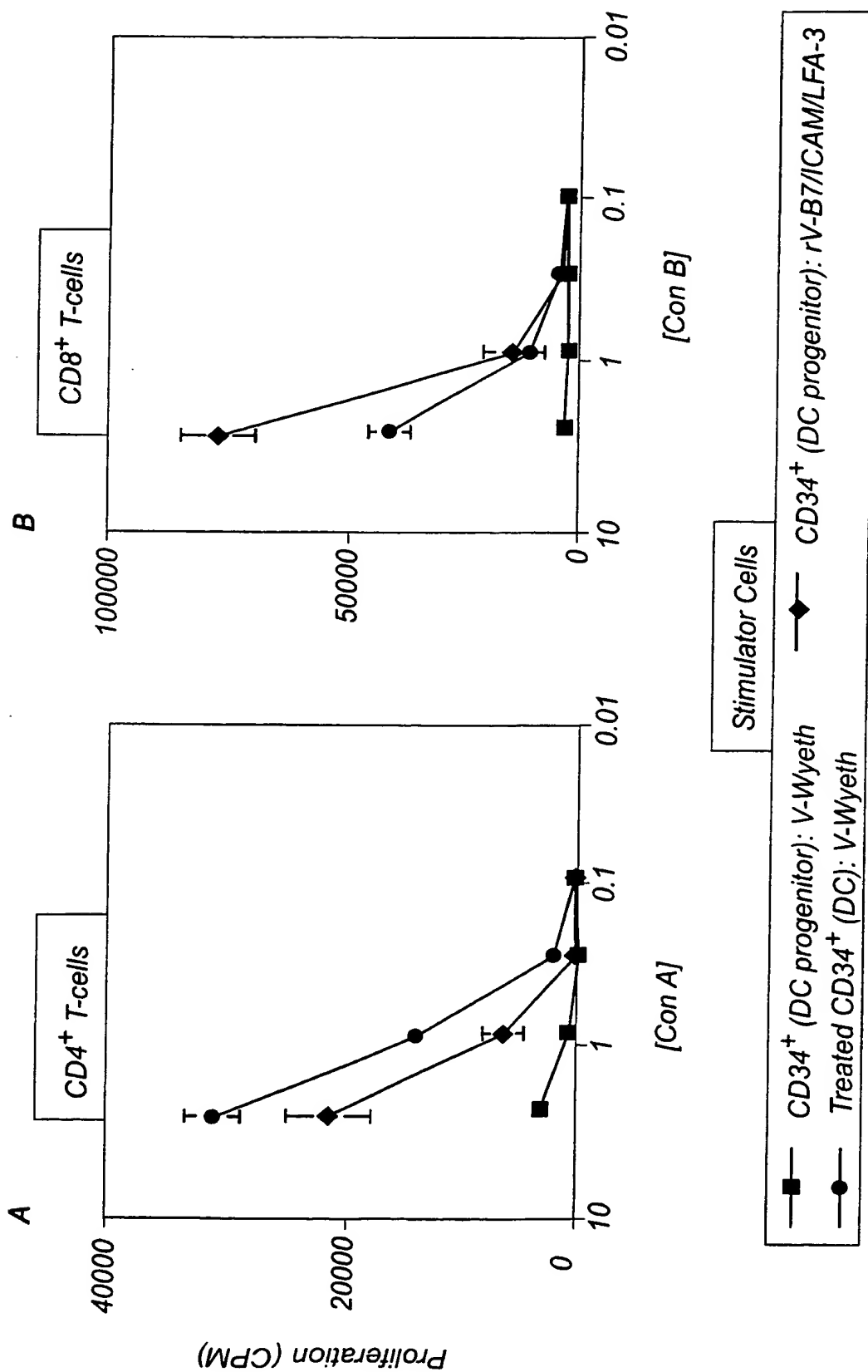
*Provide Signal 2:
Costimulatory Molecule(s)*

*Co-culture for 48 Hours at
10:1 Responder to Stimulator Ratio*

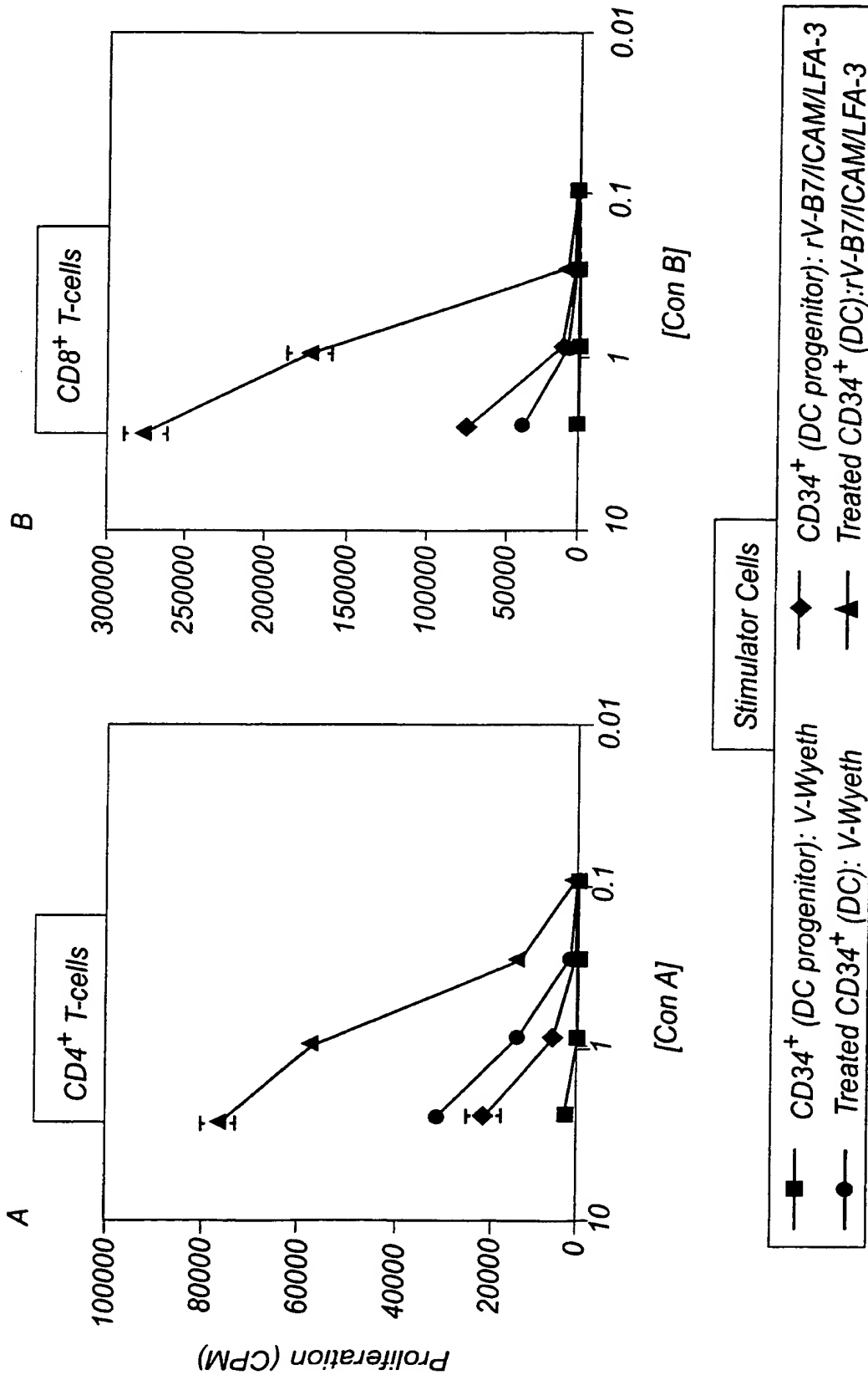
3H- Thymidine incorporation

FIG 31

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FIG 32A
FIG 32B

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FIG 33B
FIG 33A

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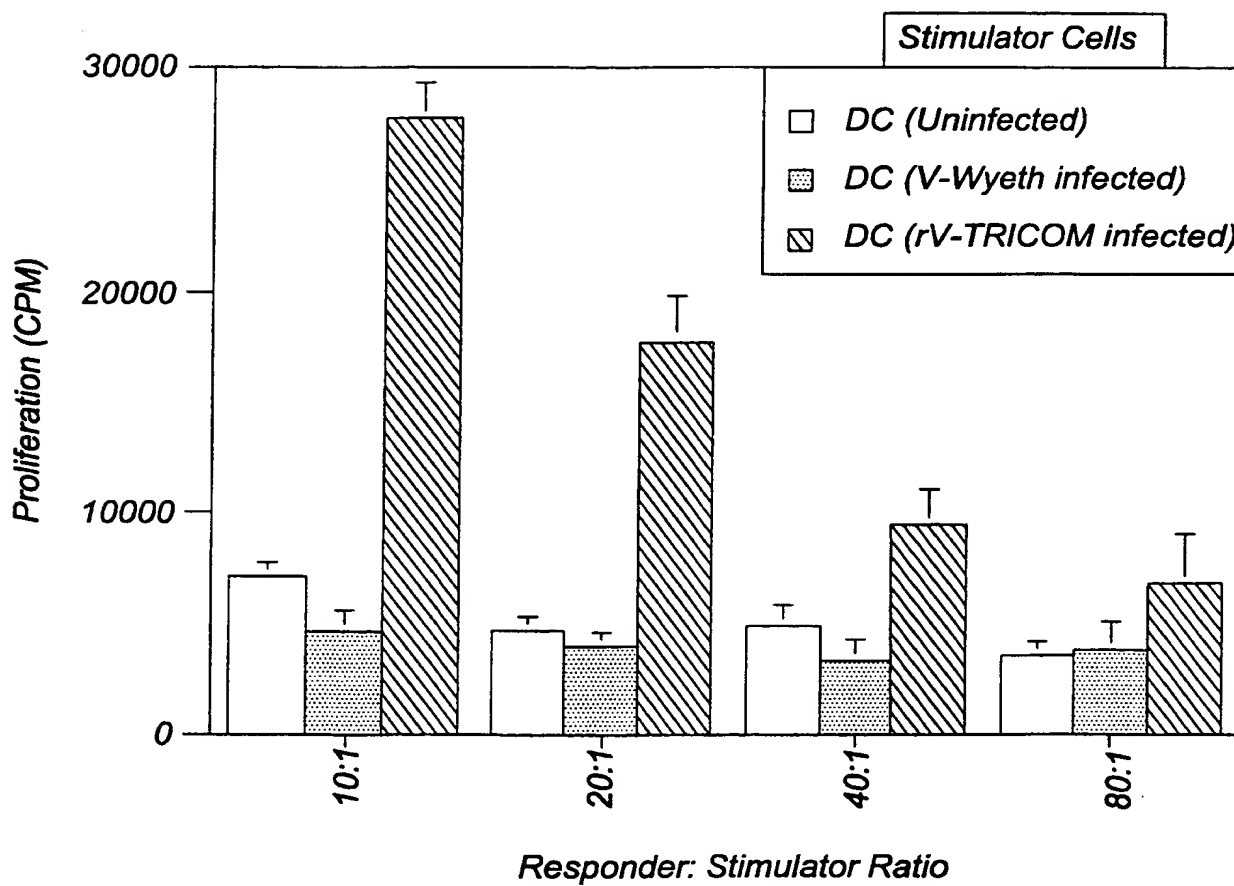


FIG 34

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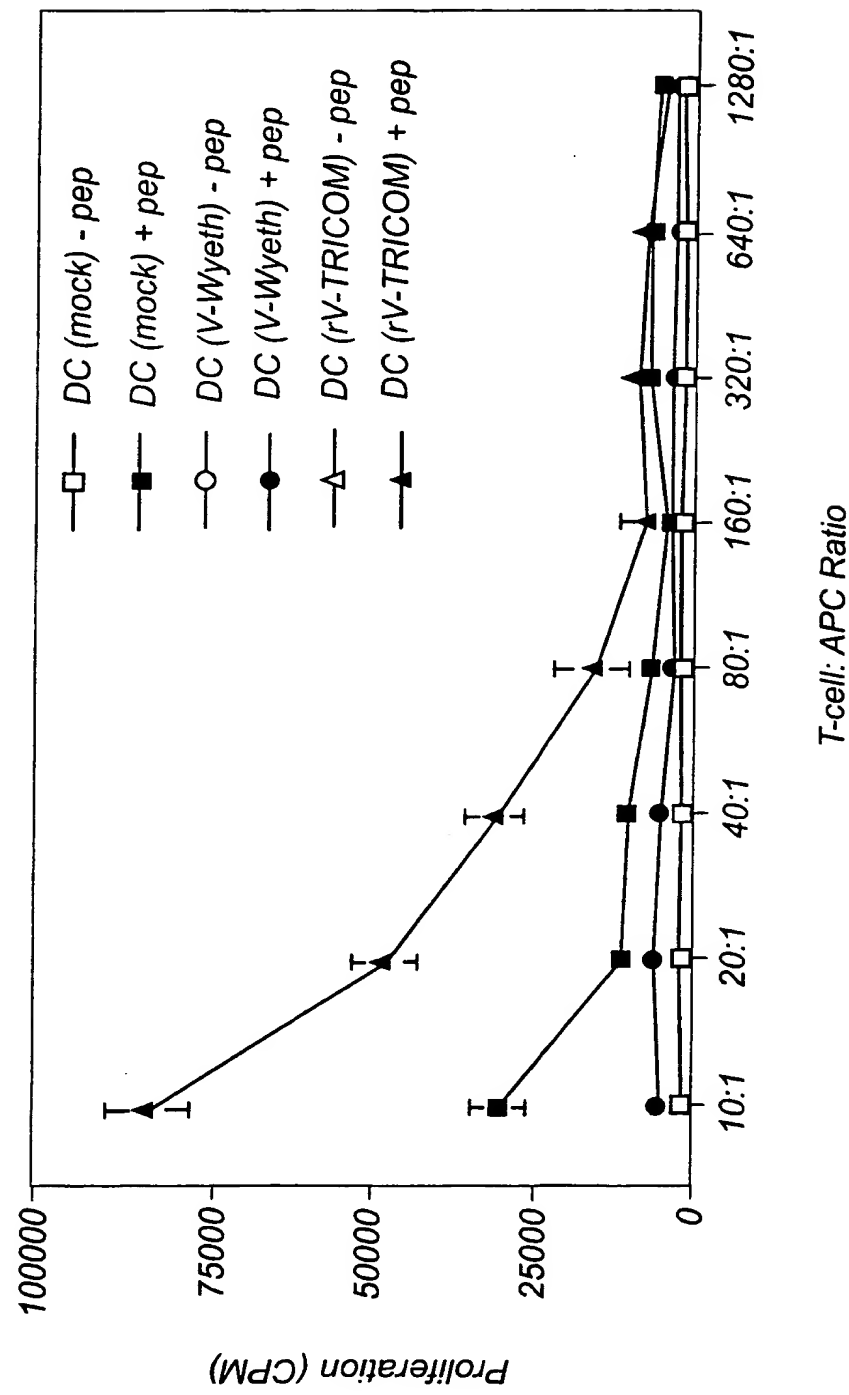


FIG 35

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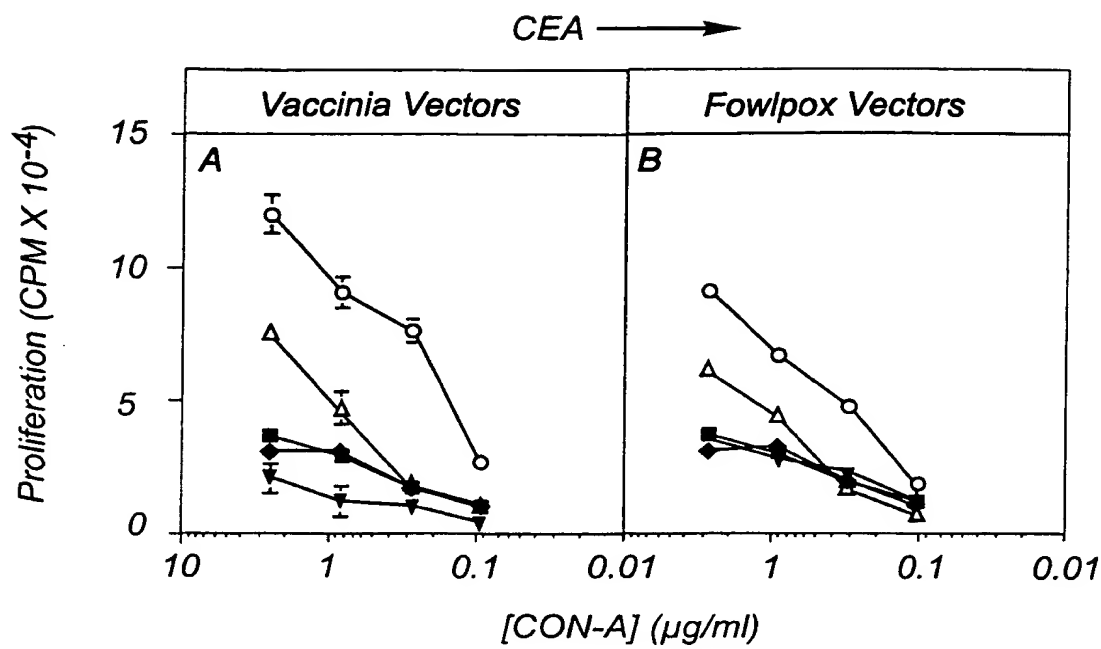


FIG 36A

FIG 36B

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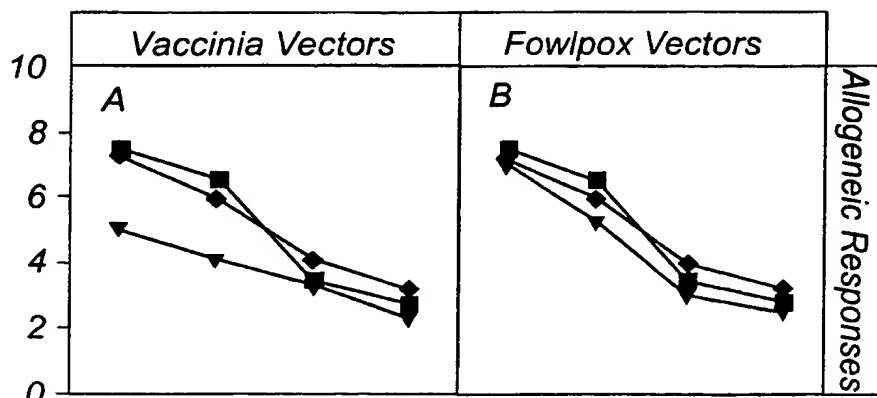


FIG 37A FIG 37B

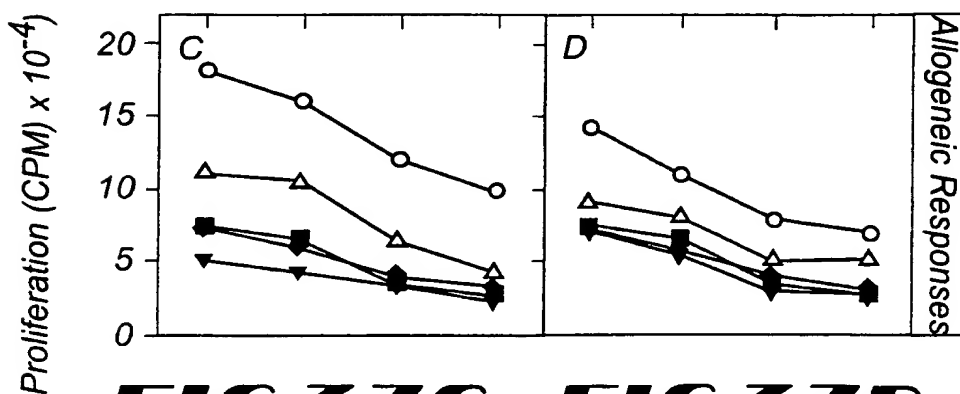


FIG 37C FIG 37D

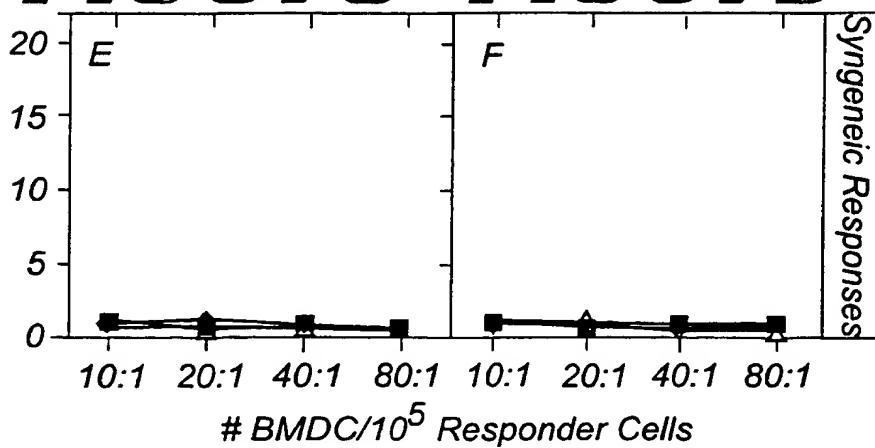
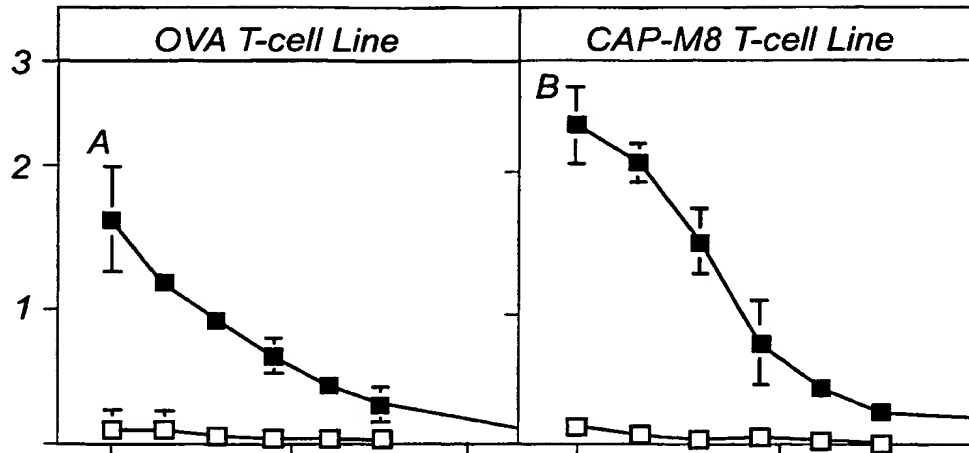
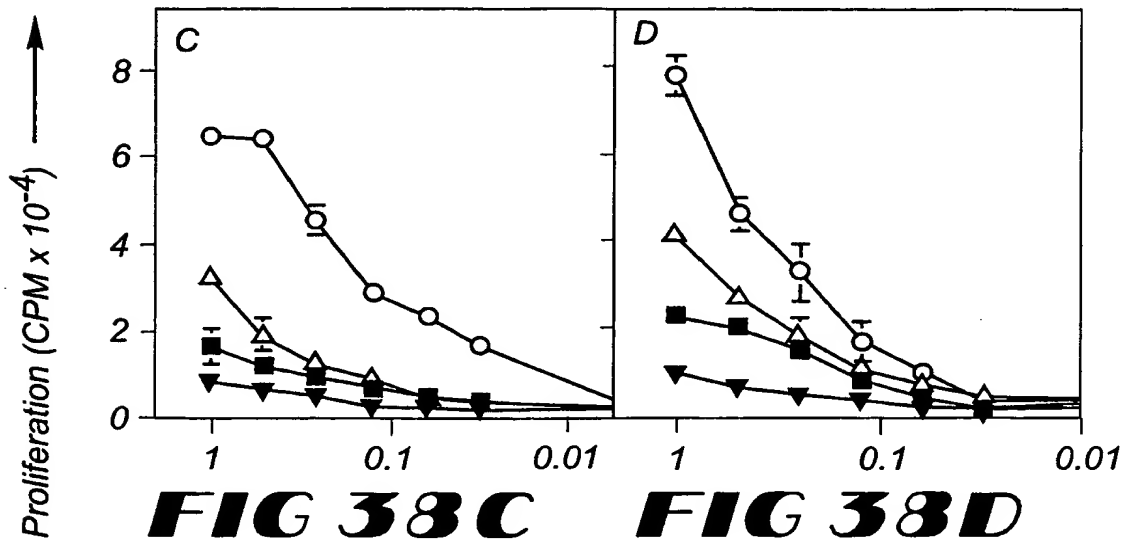
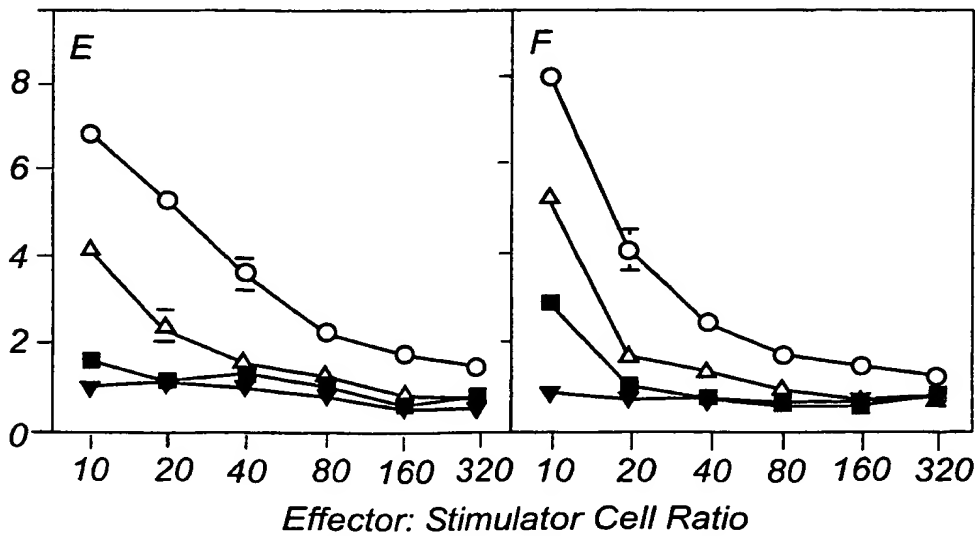


FIG 37E FIG 37F

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**FIG 38A****FIG 38B****FIG 38C****FIG 38D****FIG 38E****FIG 38F**

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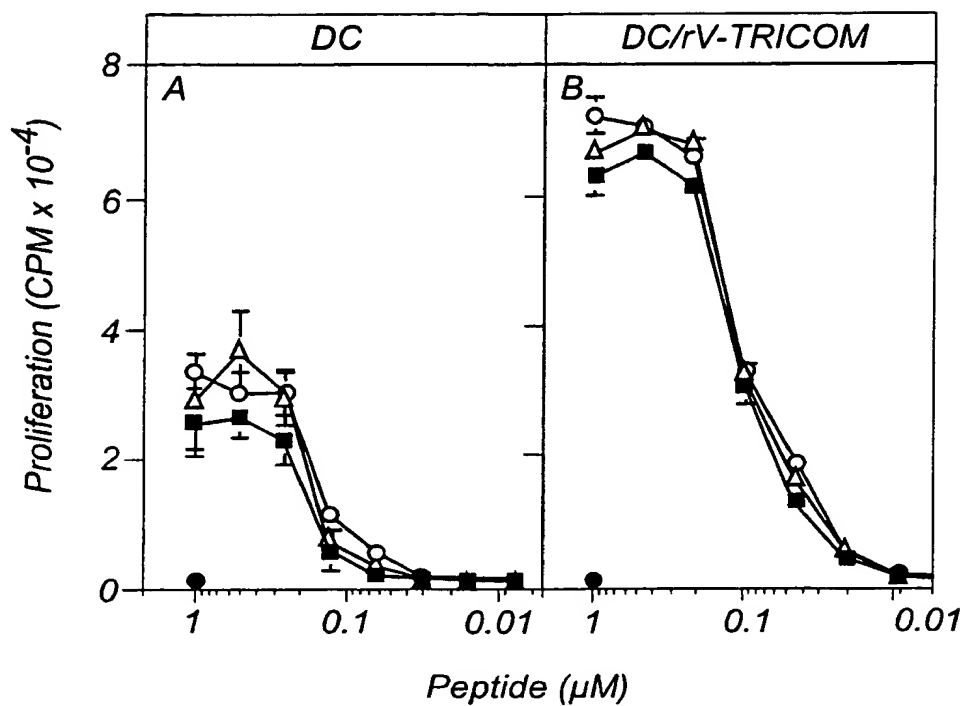


FIG 39A

FIG 39B

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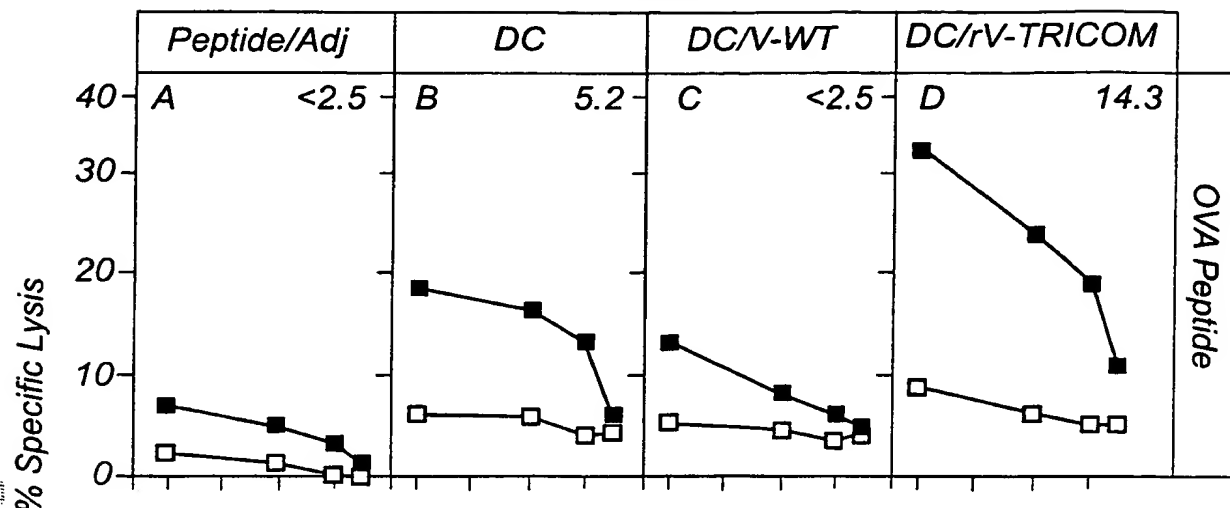


FIG 40A

FIG 40C

FIG 40B

FIG 40D

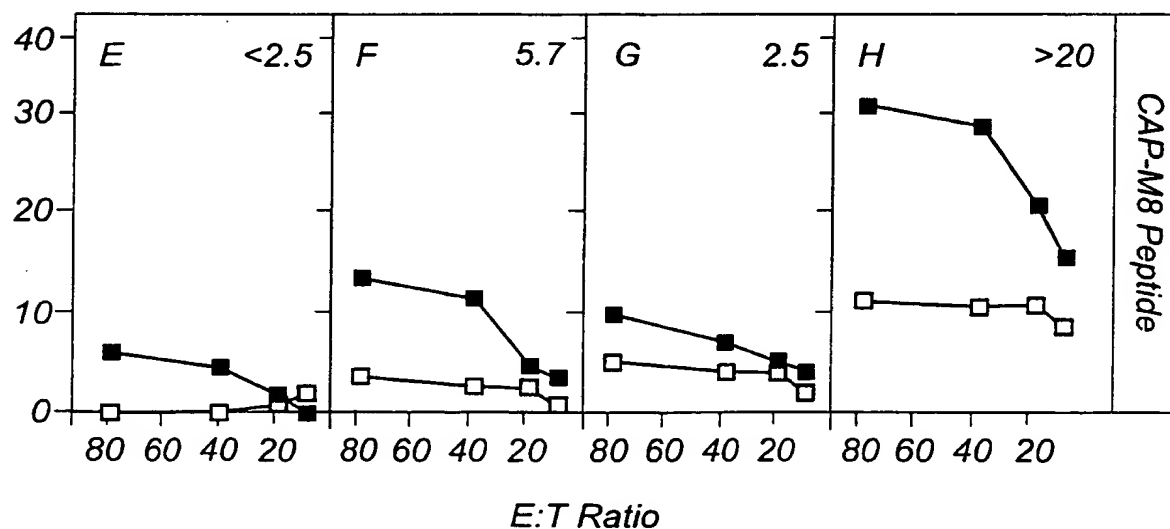


FIG 40E

FIG 40G

FIG 40F

FIG 40H

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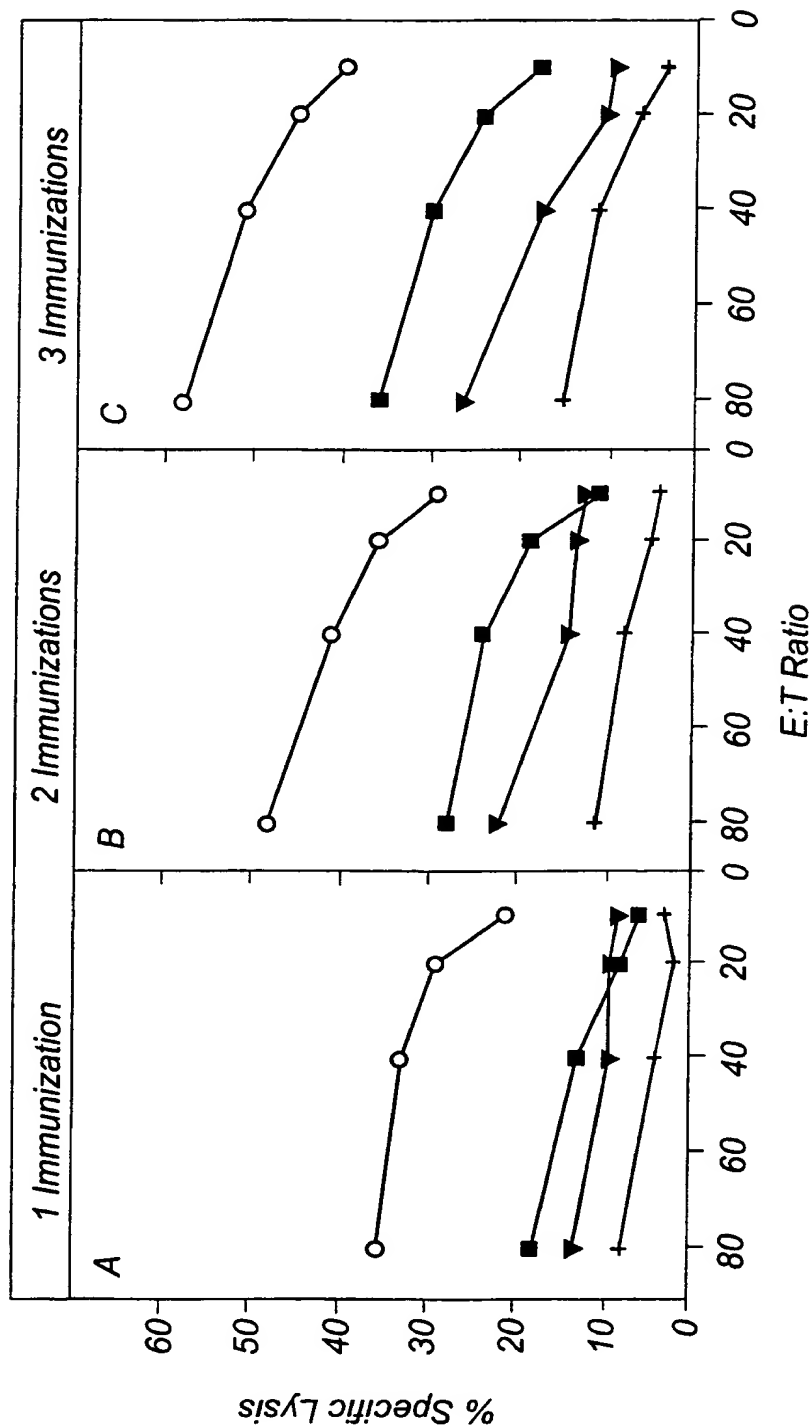


FIG 41A FIG 41B FIG 41C

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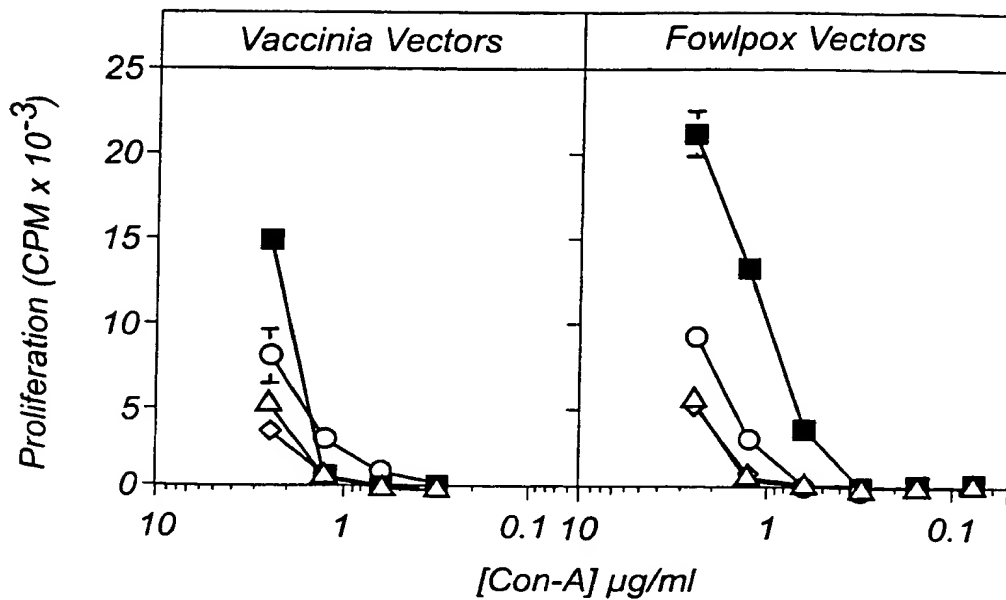


FIG 42A

FIG 42B

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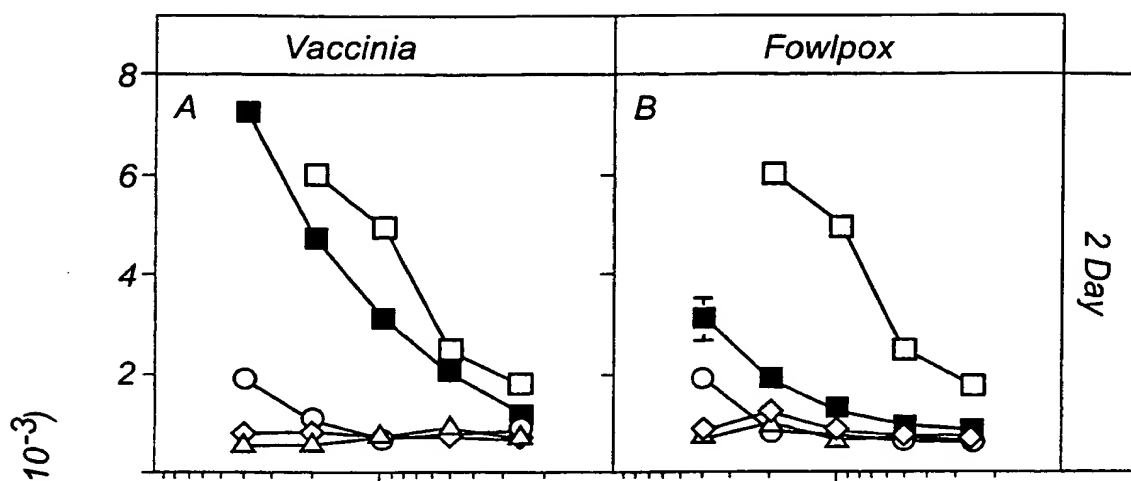


FIG 43A

FIG 43B

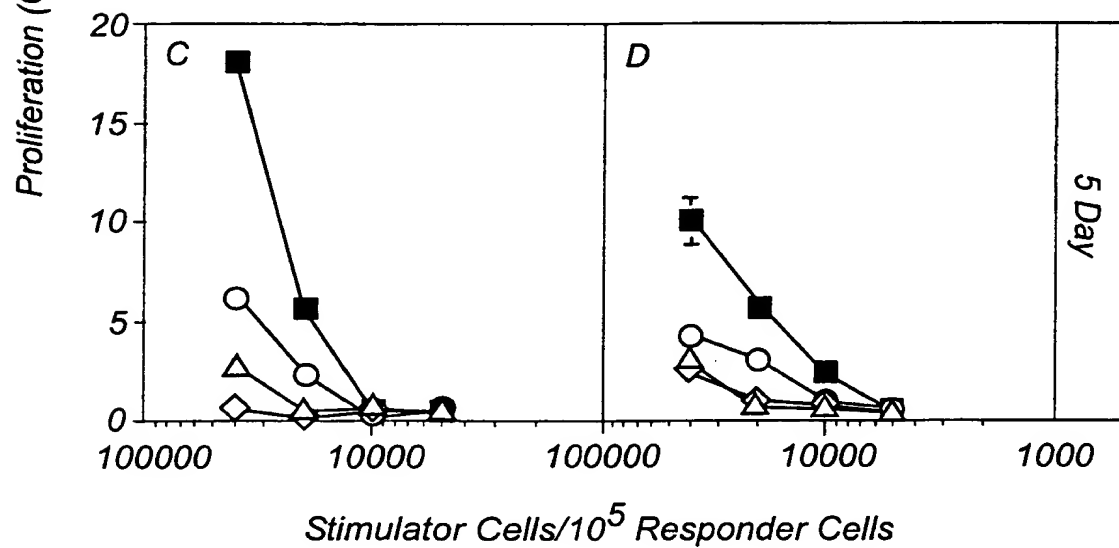
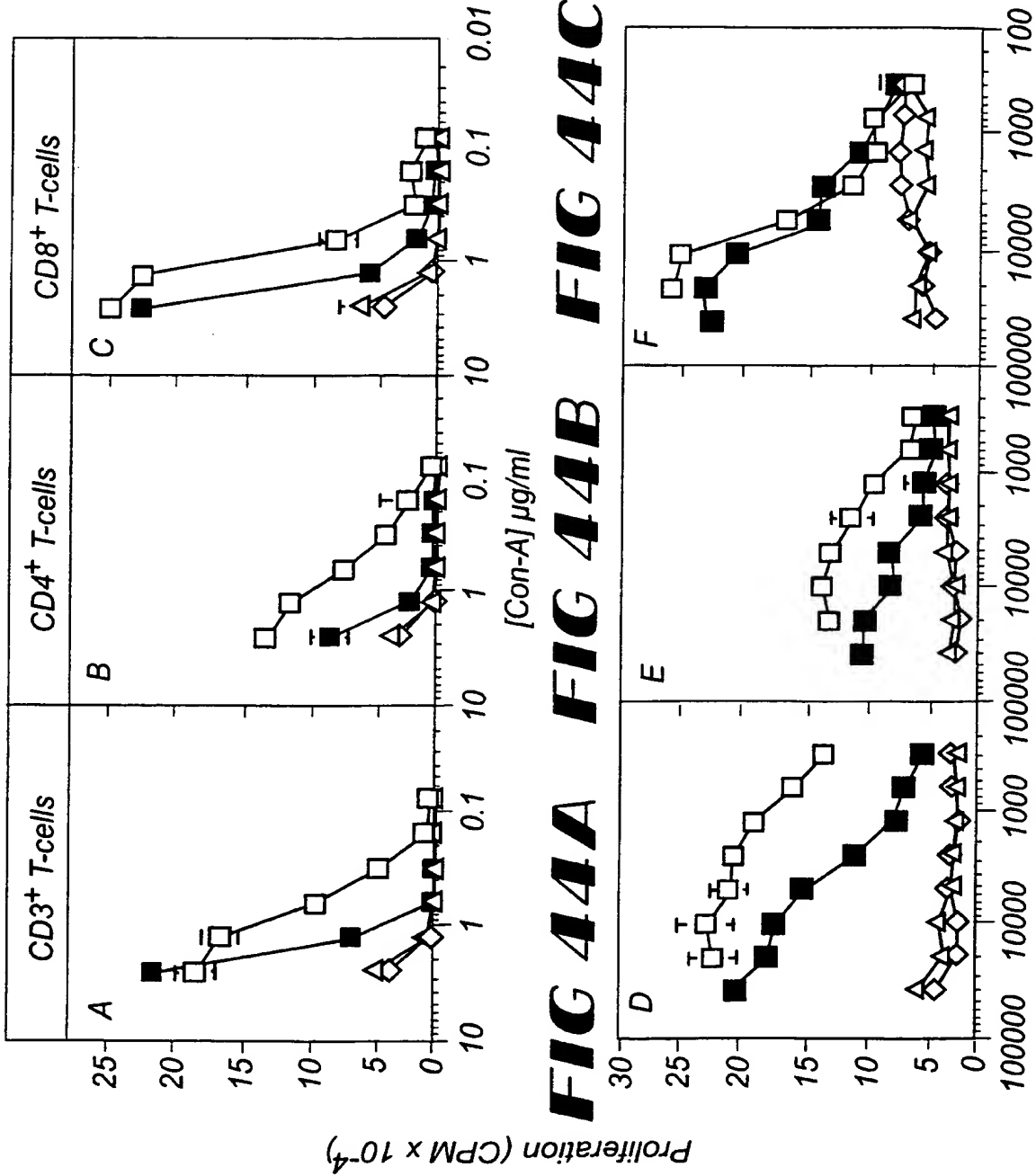


FIG 43C

FIG 43D



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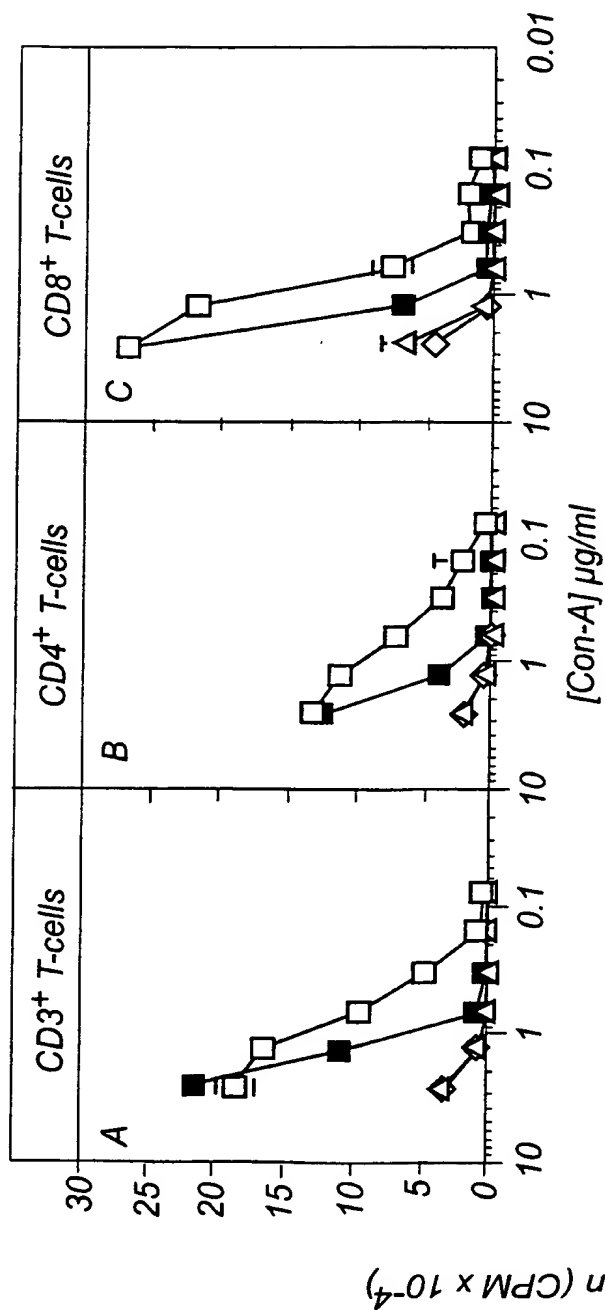


FIG 45A FIG 45B FIG 45C

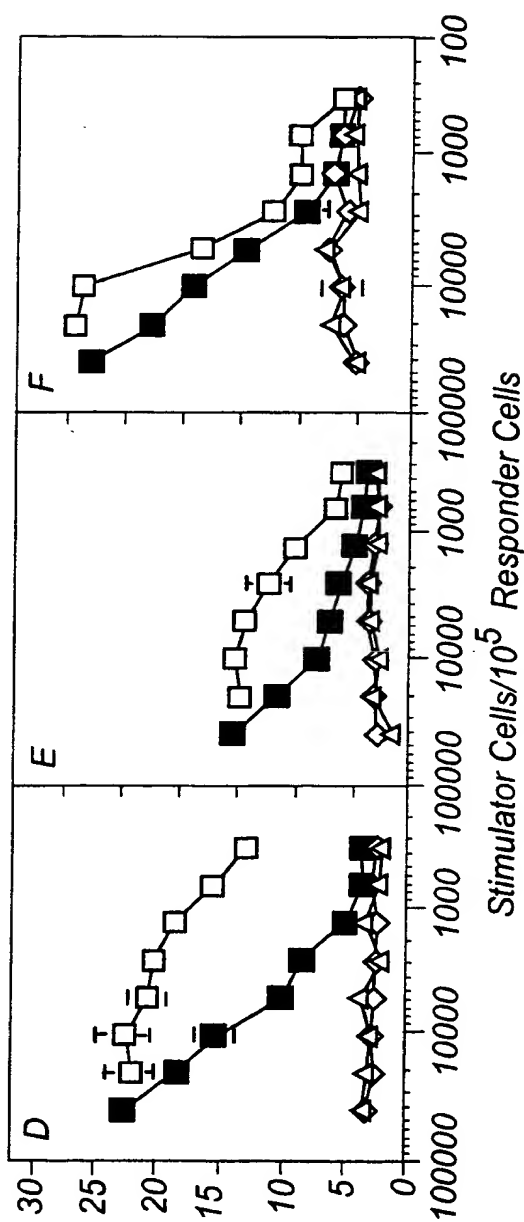
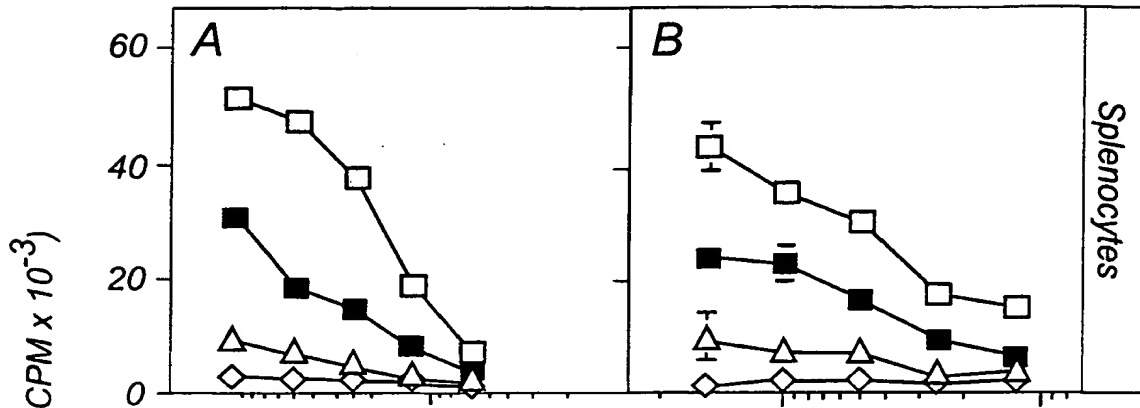
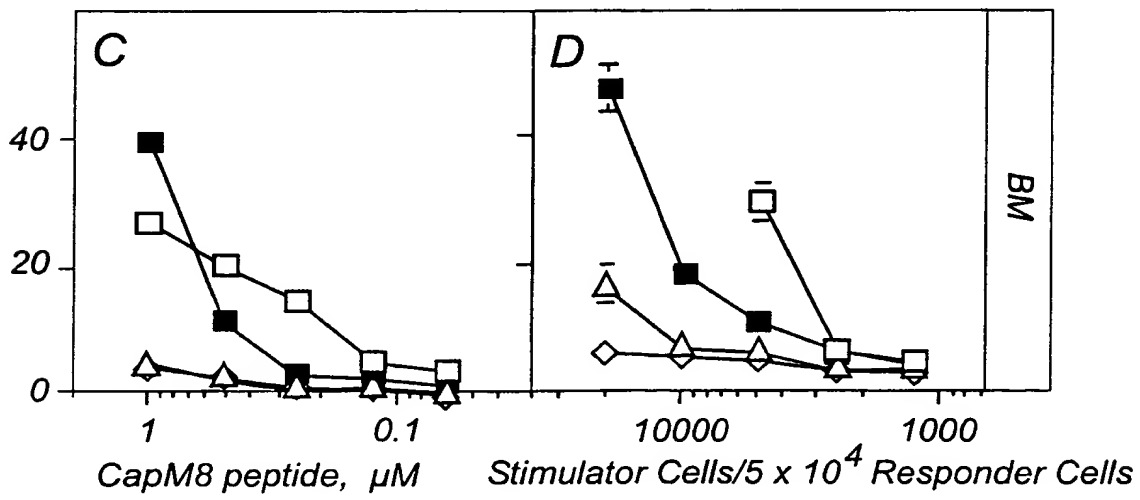


FIG 45D FIG 45E FIG 45F

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**FIG 46A****FIG 46B****FIG 46C****FIG 46D**

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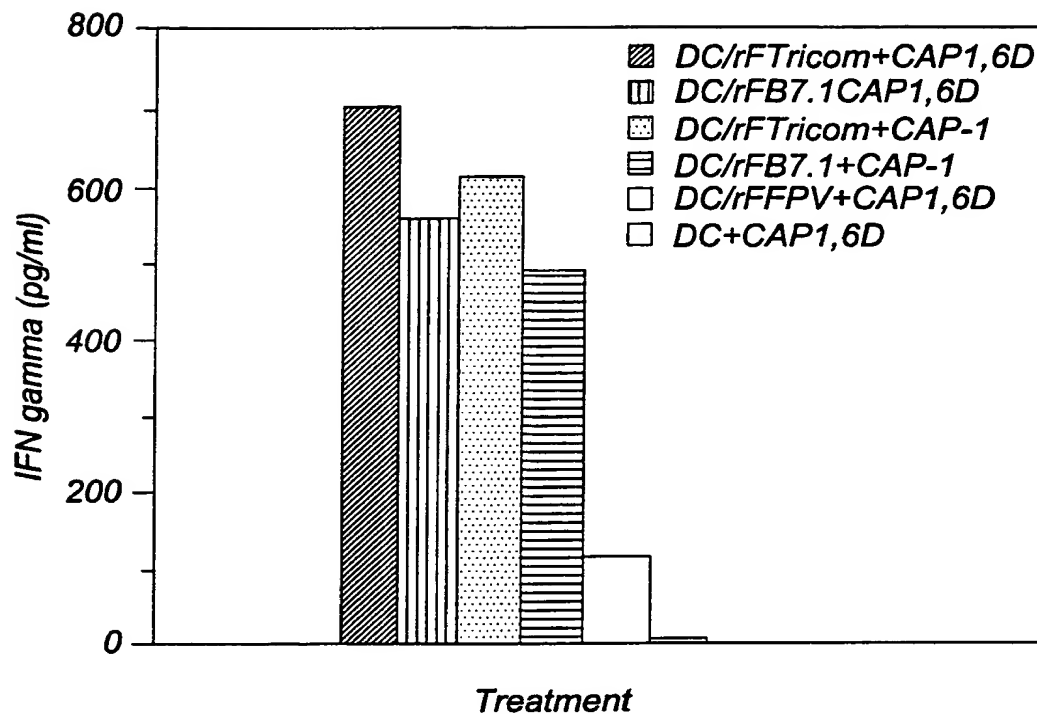


FIG 47

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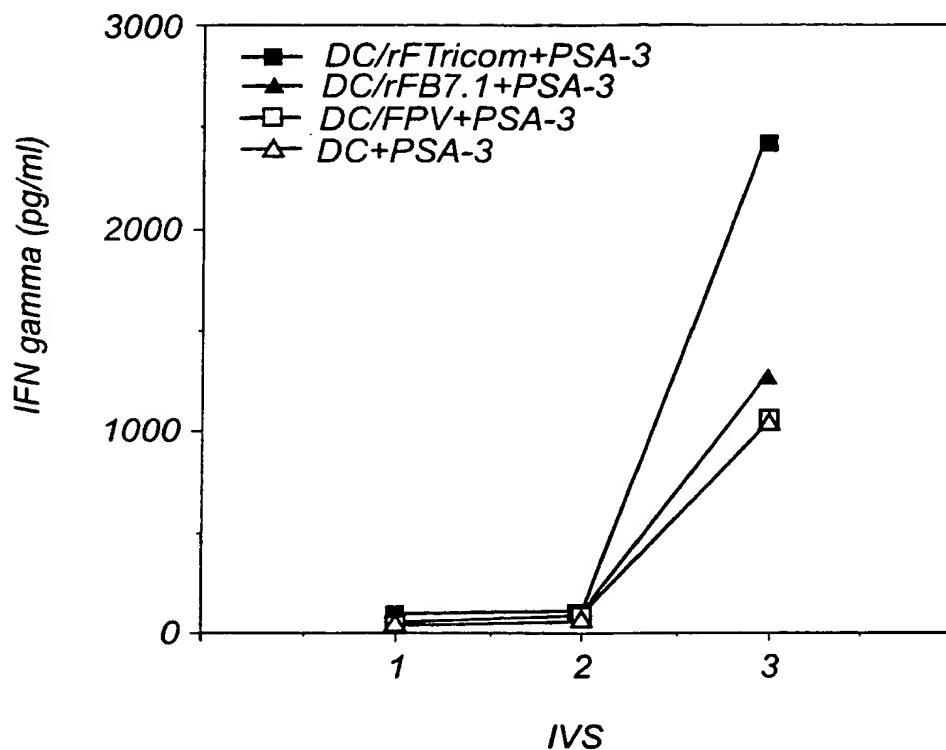


FIG 48

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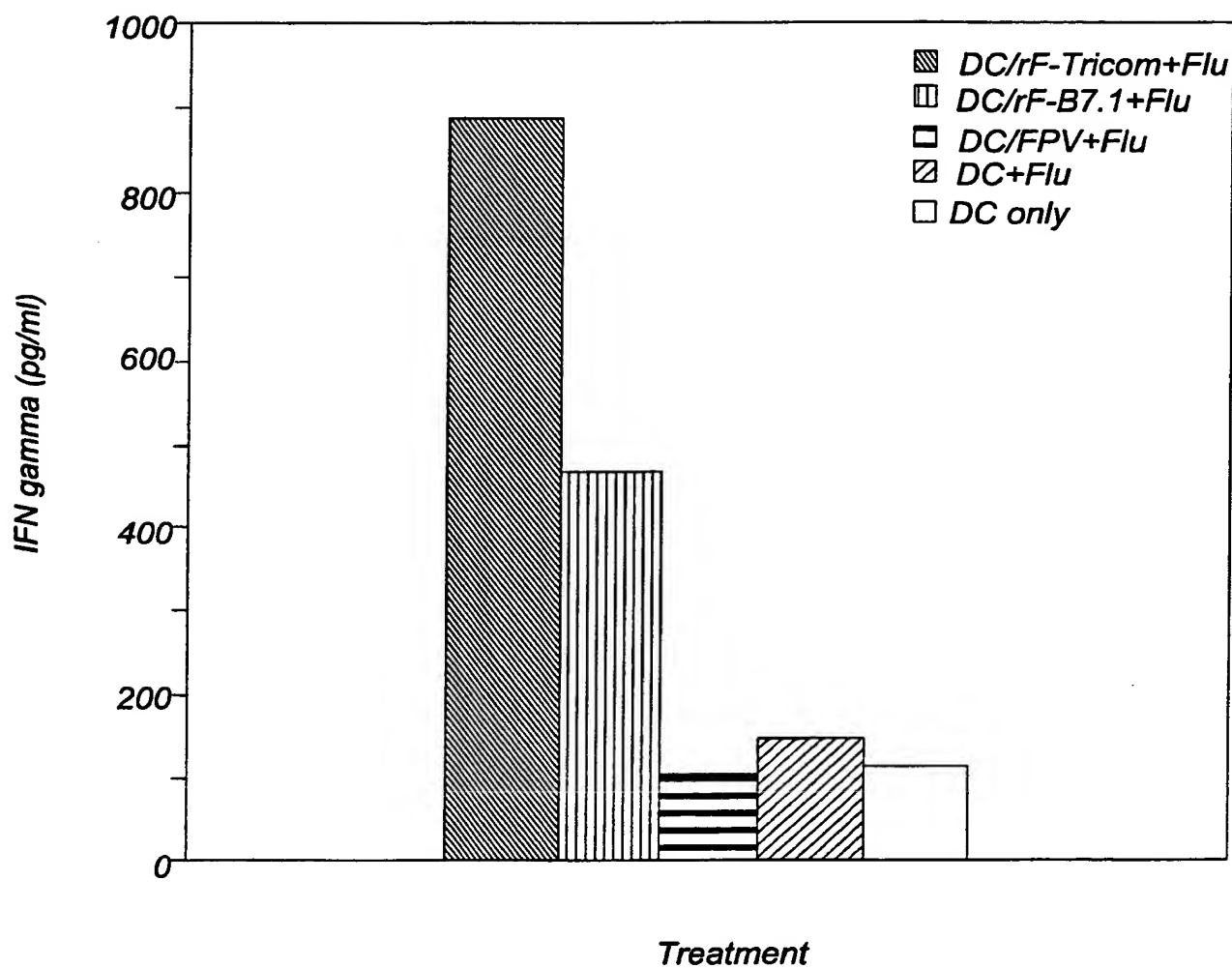


FIG 49

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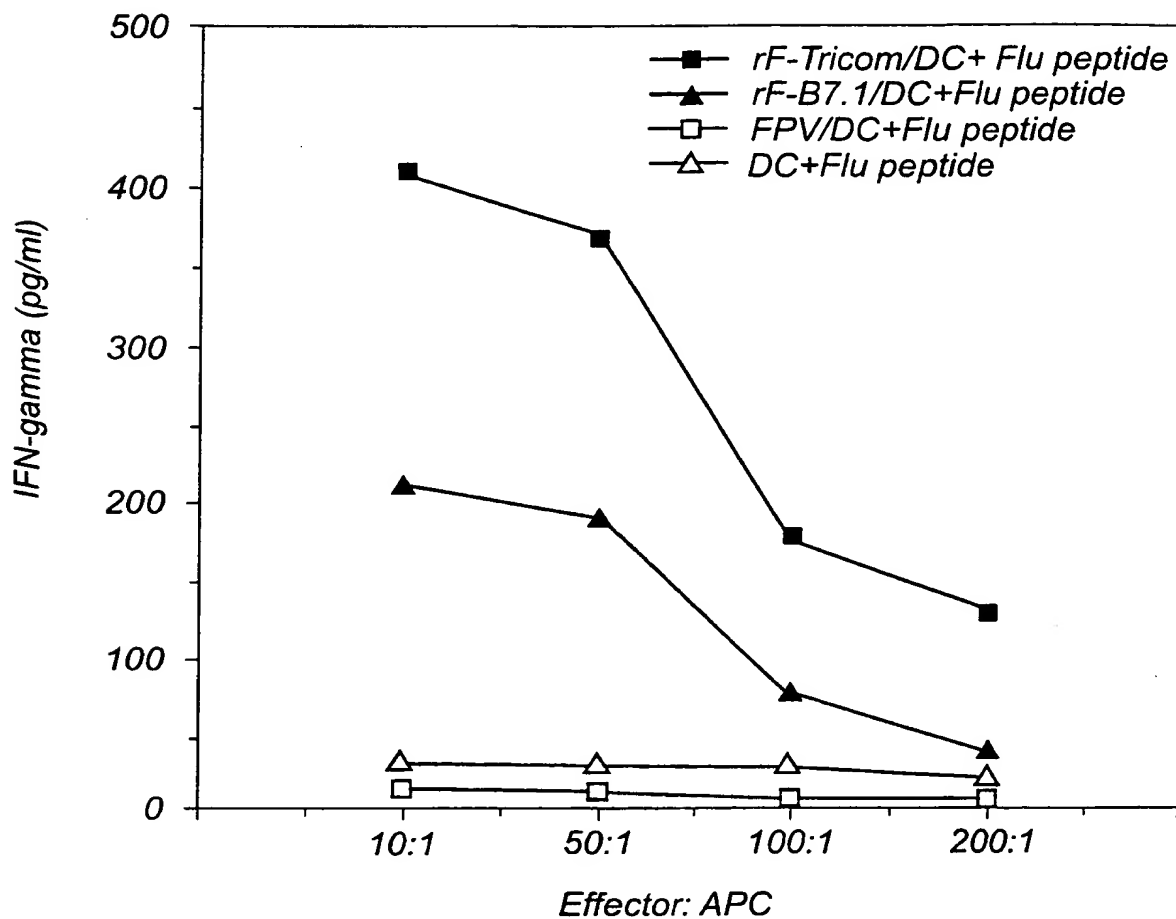
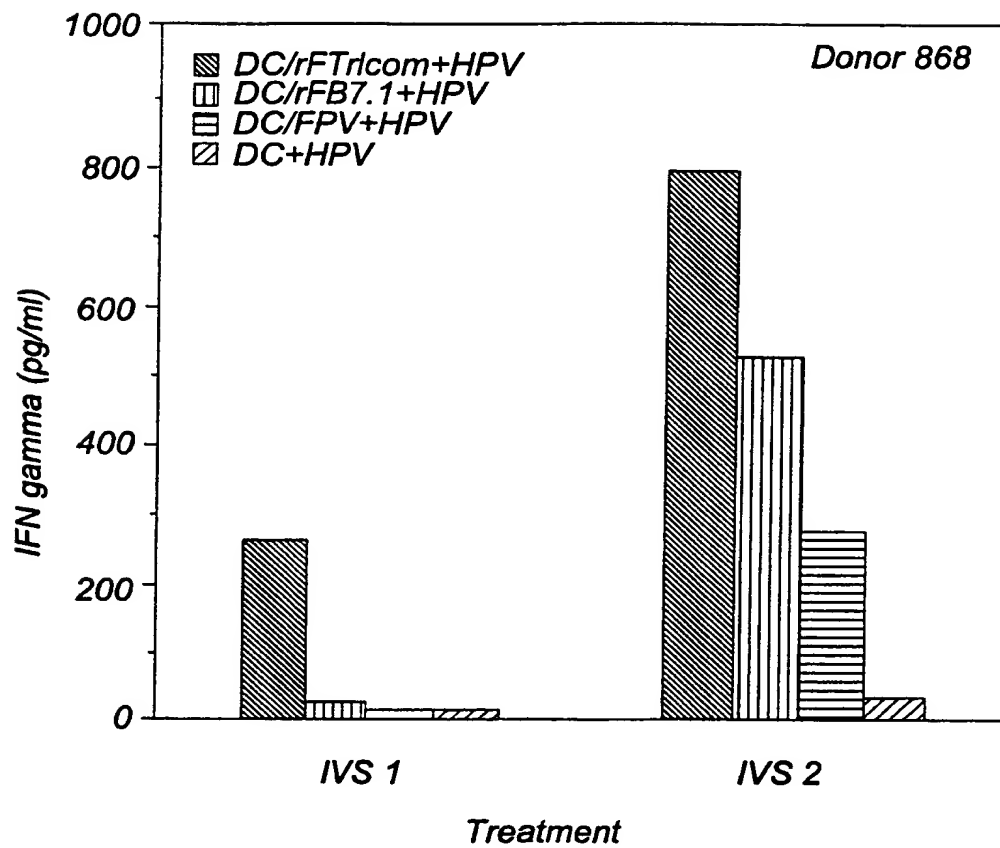


FIG 50

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**FIG 51**

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04260" 88695860

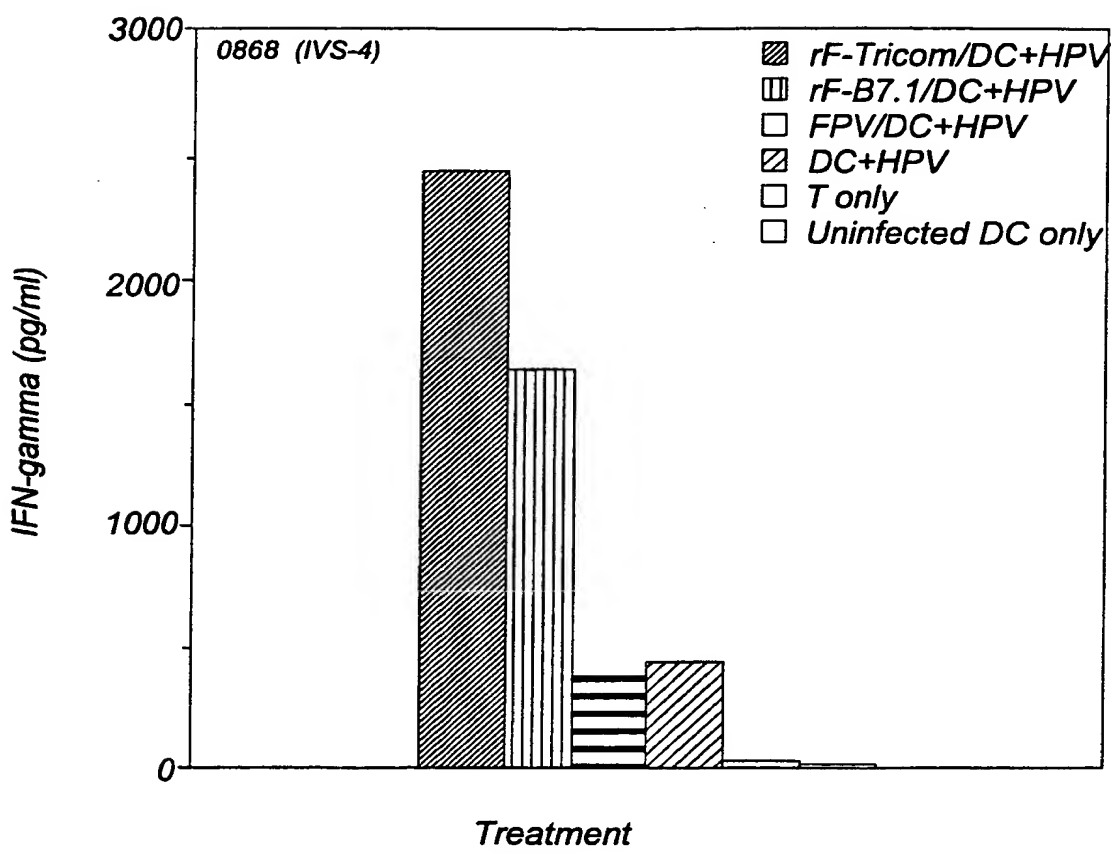
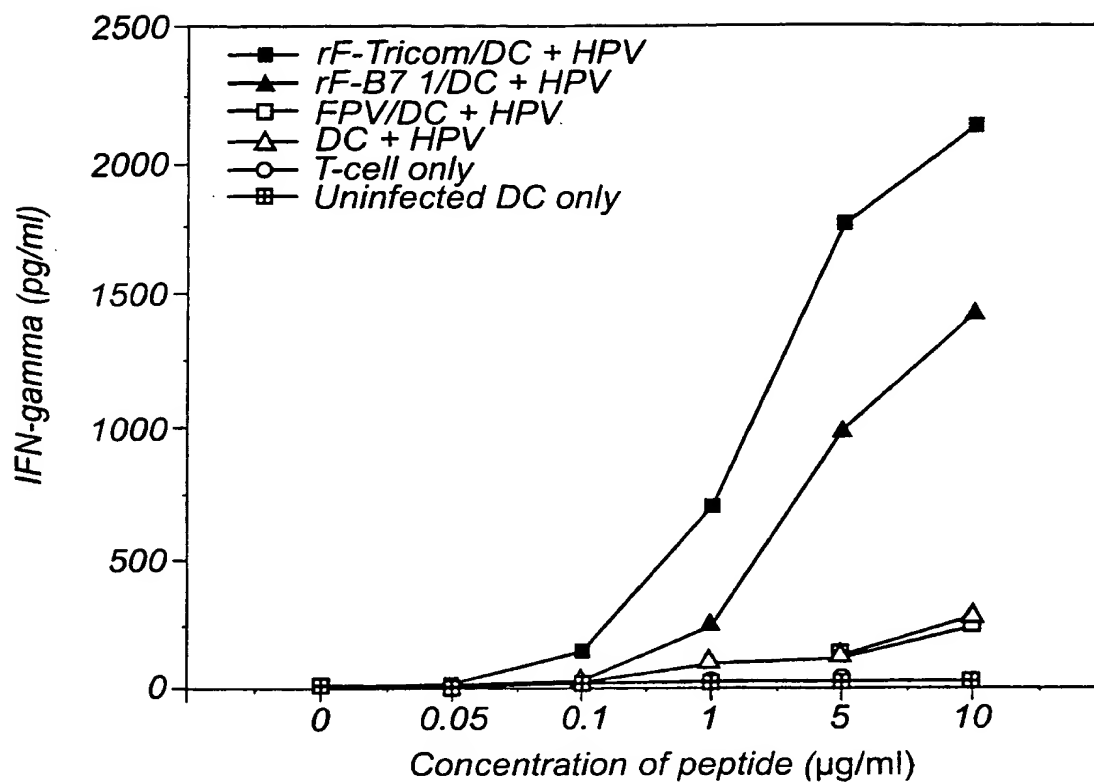


FIG 52

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**FIG 53**

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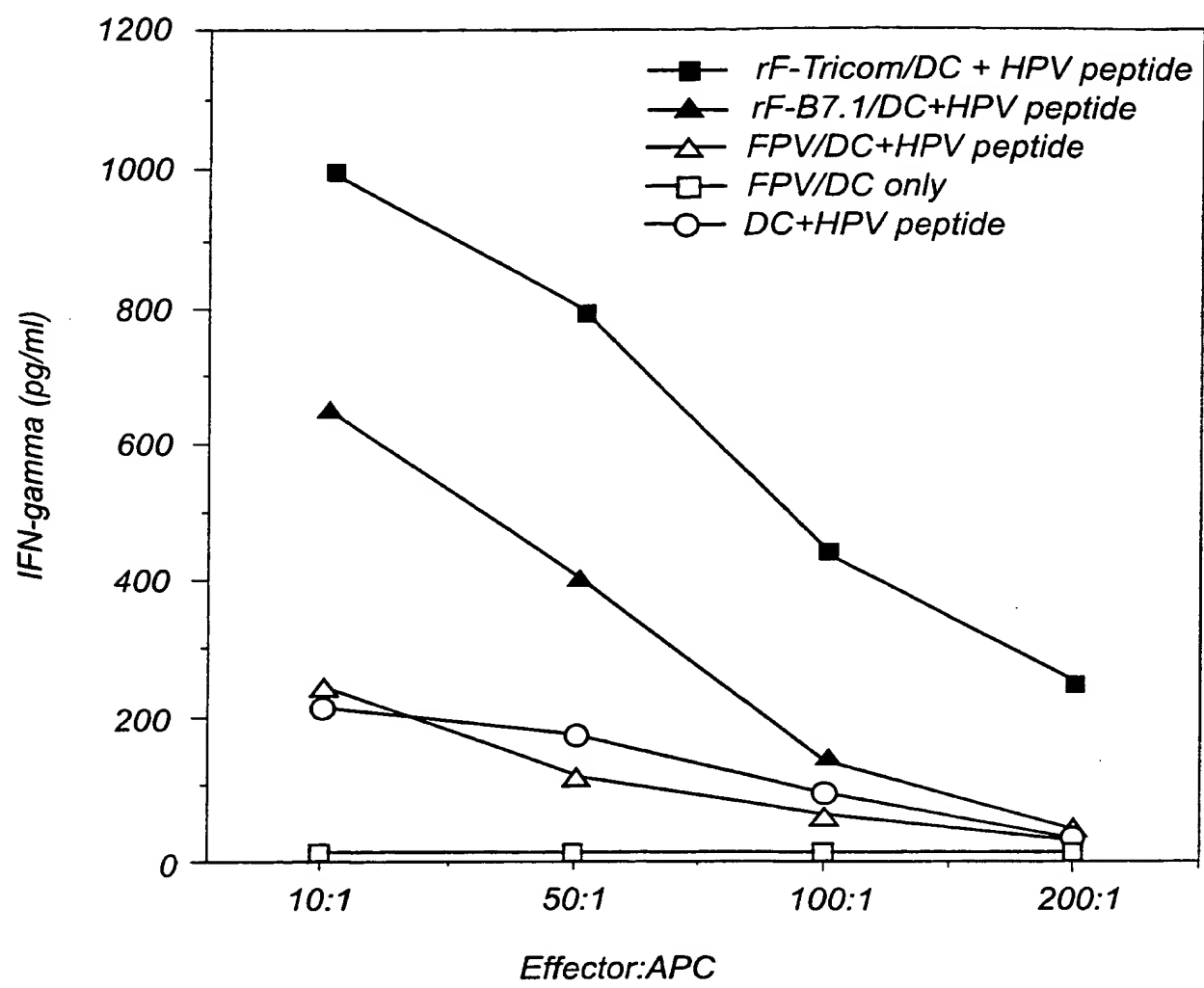


FIG 54